

aaaacaaaga	tcttgagca	gaagacaagt	tcattcaa	cagtaaggct	tacgagattc	300
tttcaa	agaaaagaga	tcaaattatg	atcaatatgg	agacgctgga	gagaaccagg	360
gctaccagaa	gcagcaacag	cagcgagagt	atcgcttccg	ccatttccat	gaaaattttt	420
attttgatga	atcctttttt	cacttccctt	ttaattctga	acggcgggac	tcaattgacg	480
aaaagtattt	attgcacttt	tcacattatg	tgaatgaagt	ggctccagat	agcttcaaga	540
aacctacct	catcaagatc	acctccgatt	ggtgcttttag	ctgcattcat	atcgagcctg	600
tgtggaaaga	agtcattcaa	gaactggaag	aattgggtgt	aggaattggc	gtggtccatg	660
ctgggtatga	gagacgcctg	gcccatcacc	taggggcaca	cagcacgccc	tctatcctag	720
gaatcattaa	cgggaaaatc	tcttcttcc	acaatgcagt	tgtccgtgaa	aatctgcgac	780
aatttgtaga	aagtcttctt	ccagggaact	tgggtggagaa	agttacaaat	aaaaattacg	840
tcagattcct	ctctggctgg	cagcaagaga	ataagcctca	tgtccttctg	tttgaccaa	900
cgcccatgtg	gccactgtta	tacaagttga	ctgcctttgc	atacaaagat	tatttatcat	960
ttggatatgt	atatgtgggt	ttgagagggg	cgggaagagat	gacaaggcgg	tacaacatca	1020
atatctacgc	ccctaccctc	ttggctttta	aagaacatat	aaacaggcct	gccgatgtta	1080
tccaggcccc	aggtatgaag	aagcaaataca	ttgacgactt	catcacccga	aacaaatata	1140
tattggcagc	caggctcacc	agccagaagt	tgttccatga	actctgccct	gtgaaacggt	1200
cgcacgaca	gaggaagtac	tgtgtggttt	tattgactgc	tgagactacc	aagttgagca	1260
aaccttttga	ggctttcctg	tctttgccc	tggcaaacac	tcaagacaca	gtgagatttg	1320
tgcattgcta	cagcaatcgg	cagcaggagt	ttgccgacac	cttactacca	gacagtgagg	1380
cgtttcaagg	gaaatcagcg	gtgtctattt	tagaaaggcg	caacacagca	ggaagggtgg	1440
tgtataaaac	cctggaagac	ccttggaattg	ggagtgaagag	tgacaaattt	atcctcttgg	1500
gctatctcga	ccagctgcgt	aaagatccag	ctcttctgtc	ctctgaagca	gtgcttctctg	1560
acctgaccga	tgaacttgcc	cctgtttttc	tcttctgatg	gttctactct	gcttctgact	1620
acatctcaga	ctgctgggat	agcatttttc	acaacaactg	gcgggaaatg	atgcccctgc	1680
tgtccctgat	cttctctgcc	ctcttcatcc	tcttcggcac	tgtcatcggt	caggctttca	1740
gcgactctaa	tgatgagcga	gagtcaagcc	ctccagaaaa	agaggaagcc	caagagaaga	1800
ctgggaaaac	tgagccaagc	ttcaccaaag	aaaacagcag	caagattcct	aaaaaaggct	1860
ttgtggaggt	aactgaactc	acagatgtaa	catacaccag	taacttggtg	cgtctgaggc	1920
caggccacat	gaatgtggct	ctcatcctgt	cgaattctac	caagaccagc	ctactacaga	1980
aatttgcttt	ggaggtctac	acatttactg	ggagcagctg	cctacacttc	tcttctctga	2040
gtctagataa	acacagagaa	tggctagaat	acttactaga	atttgctcaa	gatgcagctc	2100
caatcccaaa	ccaatatgat	aagcatttca	tggagcgtga	ctacactggg	tatgtactgg	2160
ctctgaatgg	ccacaagaaa	tacttctgcc	tcttcaagcc	ccaaaagaca	gtcgaagagg	2220
gagggaagcc	ataggggtcg	tgcagtgatg	ttgactcttc	cctctacctg	ggtgaatctc	2280
gagggaacc	ttctgtggc	cttggtatcca	ggcccatcaa	aggaaagtgg	agcaagctct	2340
ctttatggat	ggaacgcctg	ctggagggtc	ccttacagag	gttttatata	ccatcatggc	2400
ctgaactaga	ctgagaggat	tttccaaaga	gatttgaact	cttcagactt	tttaacatgc	2460
ccctgtgaac	aggtattttc	aggactcaaa	ctaccacaat	gaacagagta	tagatttttag	2520
attgctcttc	tagaaccatg	gctagaagaa	tctttccttt	gtcctgttct	aacctaggaa	2580
tgaaaaacac	caccagtttg	aatcgcttaa	atgaaaatct	tttctcttgg	gtgttatattt	2640
tccccactga	atgccacacc	attgaaaata	gactgctcat	cccctcttcc	tttcttgtcc	2700
ttgtcccatg	ctcacccac	cctcctgtcc	tgtgtcttgg	agaagcacag	ggctccaccc	2760
tggcaagcgg	catctggcgg	accctcatga	gcctgttctg	gcaggccagg	tcattggccc	2820
ctttcccaat	tccggccctg	ctgtgctgct	gccatggcgc	atgctcctaa	ctctgaacaa	2880
cccacggcag	cttctagccc	cgcactctga	aaaaggcccc	tttccaagca	atctcacgtt	2940
tacttggttg	tctgggagta	agtggctaaa	tgtatatattt	gggggtatcc	cccaacaaca	3000
gtttgttggc	cacaggttga	aaaggaaagg	aataaacagg	agttctgcat	gtgagttctc	3060
aagaaaagga	aagggaggct	gagcagtgcc	tgaagcgatg	cagccttgag	acacgctgtg	3120
agcatcccat	ccgcccgc	agcgtgctg	gtagccagg	gaggggtctg	cacagcgaga	3180
agtactgtga	tgactttgag	ccgttgacat	gtatgtcttc	agatgccttt	ctgcctctgt	3240
cgatttttagg	gtatggatat	taggagccat	aacttgtaat	cttgttctct	gaacgtagag	3300
ataagctgct	ataaagccag	tagatgttaa	actgaagaga	aattattccc	acctgctatg	3360
agtcaggctt	aaggaaatctc	ttcaatagt	tctctttagt	aaaataccaa	acatgtcttt	3420
gtatcaagga	acttaaaatt	tctcaacaat	tgtattttga	acactgttac	cctaaaagt	3480
ctgtctcttc	aagtcattctt	ttgcaggaag	tgagccaaga	tttgttctag	actcccattt	3540
tgcaaaaggc	ttactttcca	cttctgggct	gtattttgat	gtctcatctt	cattgttttc	3600
actcttaact	tagagctgct	tcaccagtat	tggggctcaga	ctggccatca	gcacctgagc	3660

gtgctgagct	ccaggtatag	tggaccccag	ggtgcctcat	accagccagt	tagagagcat	3720
acctttttatt	tttcagggca	gaatgaccag	tggttctgag	tttgagtttg	gacagcttca	3780
aagagtgggtc	cgttcaaagt	tcaaagcaag	gtgccttttg	tggctttgtg	aagggtgaaa	3840
atcagtgatg	ggacatttac	taagtatttc	tttttttttt	tttttttttt	tagttgttga	3900
gacagagttt	cactcttggt	gcccaggctg	gagtgaagt	gtgcgatctc	ggttcaccgc	3960
aacctccaca	tcccaggttc	aagtgattct	cctgcctcag	cctcctgagt	agctaggatt	4020
acaggcatgt	gccaccatgt	aattagcccc	gctaattttg	tattttttagt	agagacggga	4080
tttctccatg	ttgatcaggc	tggatcatgaa	ctcctgacct	cagggtgatct	gcctgcctca	4140
gcctcccaaaa	gtgctgctgg	gatcacaggc	gtgagccacc	actcccggct	aagtttagtat	4200
ttctttaatc	ttaatgcttt	aaactaagcc	acttggtacc	tgaataattt	aaatcttgag	4260
ctacattggt	aagtaataaaa	ttattttaagg	ccaggaattc	ctgtagtttt	catggagtct	4320
gtagctttat	taaaaaataa	atcactgcc	ggcttcattc	ttccatatga	tcctctaaaa	4380
atggacactt	cctctgaatg	ctgtatctca	tggcacctgg	tccaactaga	aatggtcaag	4440
gaattcattt	ggctccttga	tacatcagtc	ctcaatatta	ctttctaggt	attttatggc	4500
cagattgctt	atatgagtgg	tcttttggtt	tggtagtagg	tttttatttt	taatttctgt	4560
actaatgaaa	ttcctgactt	taatttctga	aaacccaaaa	ctctccaagt	gtattttattt	4620
atattttttt	taatagagac	gaggtcttgc	tatgttgccc	aggctgggtcc	caaactcctg	4680
gcctcaagca	gtccttccac	cttggcctcc	caaagtgtcg	ggattatcag	tatgagccac	4740
catgccagat	ttgttcattt	ttaaacattt	ttatctcttc	aagtcattct	ttgatctttt	4800
aaaaagcacc	ttcaaacagc	tgcaccttcc	atttgcacta	ggaaatgaag	gtagtgatgg	4860
gattggcaat	gttctctggc	gatgtttcag	cccaaaagct	cttctacaga	ccggtttaga	4920
gctggtgccc	tatgagaata	ttagggagct	tttattttta	attgaacttt	acccttgtcc	4980
atgcaaggca	ttcctcctga	atgcatccat	gaatttggtt	acttttgctg	caaacatatg	5040
agccattgtc	atgctcagcc	tgtgccacca	ttggctctgt	ctgatgtaag	taatcataca	5100
agacctgatt	ttgggttcta	acacagtggg	tctttggact	attcaacatt	ggatgggtttt	5160
tagagatggg	ttcttctggt	tgatacagac	tactgcattg	cgtttagcag	atgggggtaaa	5220
actggcctaa	aacaagtctt	tgcagaatac	atgccaat	ccaaaaaaaa	aa	5272

<210> 6870

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (284)...(1282)

<223> similar to gil707500 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6870

ccagagctct	ggtggccacc	tctgtccgc	catgctgctc	accgacagt	gccaggggccc	60
acagcaccaa	gaggcttggg	ccacaaagta	aaggtgcata	ctgtctggag	cttgtgctgg	120
cccggcgagt	ggagccaga	gcccatcccc	cactaccaac	atccccaga	ttgctgcctg	180
cctggccgag	gaggtgctgg	tcaagatgtg	ttagttagga	gctagacaag	atgagcacgg	240
tcgcgagacc	tcgcccggcg	ccatgtggag	ctgcagctgg	ttcaacggca	cagggtgtgt	300
ggaggagctg	cctgcctgcc	aggacctgca	gctggggctg	tactgttgt	cgctgctggg	360
cctggtggtg	ggcgtgccag	tgggcctgtg	ctacaacgcc	ctgctggtgc	tggccaacct	420
acacagcaag	gccagcatga	ccatgccgga	cgtgtacttt	gtcaacatgg	cagtggcagg	480
cctggtgctc	agcgccctgg	cccctgtgca	cctgctcggc	cccccgagct	cccgggtgggc	540
gctgtggagt	gtggggcgcg	aagtccacgt	ggcactgcag	atccccctca	atgtgtcctc	600

```

actggtggcc atgtactcca ccgccctgct gagcctcgac cactacatcg agcgtgcact 660
gccgcggacc tacatggcca gcgtgtacaa cacgcggcac gtgtgcggct tcgtgtgggg 720
tggcgcgctg ctgaccagct tctcctcgct gctcttctac atctgcagcc atgtgtccac 780
ccgcgcgcta gagtgcgcca agatgcagaa cgcagaagct gccgacgcca cgctggtggt 840
catcggttac gtggtgccag cactggccac cctctacgag ctggtgctac tctcccgct 900
ccgcagggag gacacgcccc tggaccggga cacggggccgg ctggagccct cggcacacag 960
gctgctggtg gccaccgtgt gcacgcagtt tgggctctgg acgccacact atctgatcct 1020
gctggggcac acggtcatca tctcgcgagg gaagcccgtg gatgcacact acctggggct 1080
actgcacttt gtgaaggatt tctccaaact cctggccttc tccagcagct ttgtgacacc 1140
acttctctac cgctacatga accagagctt cccagcaag ctccaacggc tgatgaaaaa 1200
gctgccctgc ggggaccggc actgctcccc ggaccacatg ggggtgcagc aggtgctggc 1260
gtaggcgcc cagccctcct ggggagacgt gactctggtg gacgcagagc acttagttac 1320
cctggacgct cccacatcc ttcagaagg agacgagctg ctggaagaga agcaggaggg 1380
gtgtttttct tgaagtttcc tttttccac aaatgccact cttgggcca ggctgtggtc 1440
cccgtggctg gcatctggct tgagtctccc cgaggcctgt gcgtctcca aacacgcagc 1500
tcaaggtcca catccgcaaa agcctcctcg ccttcagcct cctcagcatt cagtttgtca 1560
atgaagtgat gaaagcttag agccagtatt tatactttgt ggtaaaaata cttgattccc 1620
ccttgtttgt tttacaaaaa cagatgtttc ctagaaaaat gacaaatagt aaaatgaaca 1680
aaaccctacg aaagaatggc aacagccagg gtggccgggc cctgccagtg ggcggcgtgt 1740
gctagcaagg cctgccgggt gtgccgcagt caccacaggg ttctgagaac atttcacaga 1800
agtgcctgag acgcggagac atggctggtg ttaaattggag ctattcaata gcagtgcgc 1860
gctctcctca gccaccaaat gtccctgaca cctccccag ccccccacaga taacatcagc 1920
tgagggtttt ttcagtatga acctgtccta aatcaattcc tcaaagtgtg cacaaaacta 1980
aagaatataa ataaaccaa gaaaggtgaa aaaaaaaa 2018

```

```

<210> 6871
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (318)...(40)
<223> similar to gi665927 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6871
attatgagct cgtttttctc tcttccggaa gctcagctga agcagtatgg gtagcgtact 60
ccaggagcac tgcaagtcct tctacggtgt tctccaggac tgtaggaatc tcatctgcag 120
gtgcaggtca agcccctcct tgagcctgaa acctgaagag gagctctttc atcccatgca 180
aaggaatcaa ccacttcctg atcatctgct ccaggctgct cctgggctgt agcctcatca 240
gcaattgcct ggagtggctc cgcccagacc tgcagggcca ccaggagaat ggcagcaagg 300
agggcaaggc tccttatggc tggggtcaca gatcctca 338

```

```

<210> 6872
<211> 5941

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (4277)...(4009)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6872

cccttctcct	gtgggacaac	cagggaccgc	agctccccgc	tccccaggtg	tgggggctcc	60
gacacgaacg	cctctgctcg	cagggcggtg	agcgagatc	ccacgggtcc	ctcggtcggg	120
ggtcgaggct	gcttccggtt	ccatcccggg	cccgacaatg	ggcgggaaaa	agaaggcttt	180
acacgactac	gcggcggagt	tcaccgacct	ggtggtgaag	cacctgattg	agcacagtga	240
ctctggggac	acgtctgtgg	tggagaccct	ttactgcagg	gcctgcgagc	tgcccgtgcg	300
cgtgcggagg	gaccgcatcc	tggaacacct	gtcctcgggc	aggcagcacg	gcctgcggac	360
gccattctc	atgtaaagt	cagtgccaac	gctggtgttt	caggagtcac	cccagcgggc	420
tgcgggctat	tttaggattc	tctgccctgc	aaacgtttcc	aaagtacgtg	gacaggccgc	480
ctgatgacac	tacgtttacg	ggatctgcta	gtggcttgcc	tacttaggga	gtaaaccctg	540
tgaagtctcg	cagttttgtt	aaagtgtgcg	tggccacctg	aatgctgcct	tatcacaagc	600
cagatacata	ctggtctgta	gggtaactcc	ccactgttga	tcctctgaga	tgattgtgga	660
ctgggtgctg	tgagtcctgc	cactttgttt	aagtgaatgt	gtcttttgtc	cagctcagcc	720
gcctcggatc	tcgtgccac	cagccttact	gcacaccctg	gccaccgcgc	cttgcccctg	780
cagcctcagc	ctcagctcat	tctctcaggc	agtcaccagc	ttggcacggg	acctcctccc	840
gctgtgggcc	acacgtctct	gtcctctgtc	aacctcctg	ccatcagcac	caccaccagc	900
gacttgtctg	cccgggagga	tgaacacca	tctgcctcca	ccggccacct	ttcagtgttt	960
cctgctttcc	aagtaaagat	accagcagtg	ccctcagagc	agaccagcca	gagtttttct	1020
gaagcctccc	acagggtgct	ccccggagga	ggcccagatg	gctctcgtga	ctttggagcc	1080
gggtgtggctg	gccaccttgg	cctgggcatc	tttgggggtg	gcttcgggag	cccggcactg	1140
ctgcagagtg	tgggtggatga	gaacagctgc	tgcttgctgt	acgtggtgga	ggaccagctg	1200
tgtgatgtgg	agcaagcctt	cagagctgag	catttggggc	aacaccagag	tgggttcggga	1260
acaggatgca	gacattgtcc	tcaacgacca	gcggcacttt	gatccgggtt	tccagttcct	1320
gcacaagcaa	gtttgtgtca	gccacgccct	ggggaggatc	cactggatca	ccgccgtcac	1380
tgctgtttcc	cggcgccctc	tccggcttcc	ctaaagagag	caggtgggac	tttctacaac	1440
gctgctgtgc	acgacgtgga	tgccgtatgc	atgttgctgg	gggaagccac	tccggacact	1500
gtgttttctc	tgggacatgt	cttctgcca	gatatggccg	ccttaaaaga	tgcatatgct	1560
gttgtgatca	gcatgaagtt	tccctgtgag	gccgtggtta	gcgtggacat	cagccagcac	1620
tgcacagaca	gctgcgacca	ggacgtcagc	cagcactgca	cagacagctg	cgaccagaga	1680
ctggagggtga	cccttgccct	tttccaccct	tcgccagctc	actgtgaaaa	gctgggttga	1740
ttgtgcgggt	tagatagagg	tcatcagccg	ggttgattgt	gtgggttaga	cagaggtcat	1800
cagccagggt	gattgtgtgg	gttagataga	gatcatcagc	ctggtagatt	gtgtgggtta	1860
gatagaggtc	atcagccagg	ttgattgtgc	gggttagata	gagatcatca	gccgggttga	1920
ttctacaggt	tagatagagg	tcgtcagccg	ggttgattgt	gcgggttaga	tagagatcat	1980
cagccggggt	gattgtgcgg	gttagataga	ggtcatcagc	tgggttgatt	gtgtgggtta	2040
gatagagatc	atcagctggg	ttgattgtgt	gggttagata	gaggtcgtca	gctgggttga	2100
ttgtgcgggt	tagatagagg	tcatcagccg	gggtgattct	acaggttaga	tagaggtcgt	2160
cagctggggt	gattgtgcgg	gttagagatc	atcagccggg	ttgattgtgc	gggttagata	2220
gaggtcatca	gccgggttga	ttgtgcgggt	tagatagaga	tcatcagctg	gggtgattct	2280
gcaggttaga	tagaggtcat	cagctggggt	gactatgtgg	gttagataga	ggtcgtcagc	2340
cgggttgatt	gtgtgggtta	gacagaggtc	atcagctggg	ttgattctgc	gggttagata	2400
gaggtcatca	gctgggttga	ttgtgtgggt	tagatagaga	tcatcagctg	gggtgattgt	2460
gtgggttaga	tagaggtcat	cagctggggt	gattgtgtgg	gttagataga	ggtcatcagc	2520
tgggttgatt	gtgtgggtta	gatagaggtc	atcagctggg	ttgattgtgt	gggttagata	2580
gaggtcatca	gctgggttga	ttgtatgggt	tagatagagg	tcatcagctg	gggtgattgt	2640

09488725.013100

acggggttaga	tagagggtcgt	cagccggggtt	gattccgcag	gtagataga	ggtcgttagc	2700
tgggtgtgtg	gggtcccaagg	cgtgctgcag	atggagaatc	agaattcctt	gggcatcacc	2760
gggcggggca	tgtccctgtc	ccttcgctcc	cagaccagc	ctagccgcta	ccaggactcc	2820
tatcgagagc	tcttcagaca	ctttttcaga	acccttaaag	gtgggtgacg	ttttcaggag	2880
gaacctggga	tgtcctgatg	ctcaatgggt	agatgccttc	caggctgcag	tcagtgcaga	2940
tgatatgcca	atttcagggg	gaaaattgca	ttccagatac	cgggatcaga	tttgaaattg	3000
tccatctcag	tgatcattta	cgttgcggtg	acttgaggga	gattctgaga	gatgctcctt	3060
tggggttctg	tgcgtgtacc	atgttgccctg	acacgtcctg	agaaatcttc	ttaaactctg	3120
agtttataaa	ataactactt	ctgaactcct	gagatctagt	ggataccatg	tatcctggaa	3180
gataggacac	tttctaccct	ctgtcagtc	tgggggtgac	tgggaaccag	agagggttag	3240
cagaattcct	ggacctgggt	ggggcttgct	caagaggggc	aggtgggcct	ctctaggatc	3300
agtgtccac	ccagaggcca	gtggcccctt	cacatgcccc	aacaagagga	agactgtctg	3360
gctccgcagt	gttgggtttt	gtcctgaatc	tgtgcaaatg	tgcagggaaa	taacctcctg	3420
aaatcaccaa	agagcagttc	ctcagggcct	tccgggtgac	cgtggccgtg	gagcagtcgt	3480
ggtgaaaaccg	gtcagctgtg	gacctgccct	gcgaatcggc	agaggcctcc	gtgggtgaaga	3540
cagaagctcc	gtgaaccaac	tcgaggctgg	agccaagatc	ctgcctgata	tccagttgcc	3600
tgtttcactt	gttactgtta	ctgggagagg	gagacaaaac	ctcatggcaa	tcttgtcctc	3660
actggagact	cagaagggga	agcattggga	aacctgtat	gtttcatttc	tggtttaacc	3720
aggcttttca	ggatgggact	tcagaccaag	gacacaagtt	gggcttgctt	aggtgttttg	3780
tgttgtgcgc	aggcctcaga	gatgctcttc	cggtcagagt	tcccttgcca	gggccttgga	3840
ggcctctggt	tggctctctc	aggaagaggg	caggtcaggg	attgggcggt	gtaaattgac	3900
tcagaaacct	gcggtttcag	cttttctgtg	gcaaacaggg	ccgagggctg	gtgaagctgt	3960
taaggctaaa	tgtcgcagtc	atgaggcggg	ctgcaggcct	ccttaggcct	tttttggggg	4020
aattacacca	gtatttaaaa	acattttttt	ttgtttgttt	tgagatggag	tcttgccctg	4080
tcacccaggc	tggagtgcga	tgggtgcgatc	tccggtcact	gcaacctccg	tctcccagg	4140
tcaagcgatt	cttctgcctc	agccttctga	gtagctggga	ttacacgcgt	gtgccaccac	4200
gctcggctaa	tttttgtatt	tttagtagag	atgggatttc	accatgttgg	ccaggctggt	4260
ctcgaactac	tgacctcgtg	atccacctgc	cacggcctcc	caaagtgcgt	ggattacagg	4320
cgtgagccac	catgctcggc	ctaaaaaaca	attttcttga	agaatccgat	tttgtgcata	4380
gtaatgacac	agcaccattc	ctgagaaata	ggaaatata	gtgtgtggta	tgaagagccc	4440
atattctggt	cttgtcacct	gaatctaggc	ttcctctttg	gatgtgaacg	cgggaatgaa	4500
cagtggctgt	tttccaccca	aagggcgctg	gagacctttt	ggaaacgggc	tttctccttt	4560
ccattttgca	gccggggggcg	ggtggaaaac	ttccttcgaa	gggtagtgcc	ttggggagca	4620
gcagacctgc	tctgagtcca	gcttagcttt	ccaaaattct	gtgtggaact	tactggagat	4680
gtttttatat	atttgaaaat	aatggcctgt	atttctcacg	ctatacttaa	aaaaaataac	4740
taacctttta	aacaaagata	ttcaaactca	cccttgctgt	gaaagcactc	acatttctgt	4800
gttcattcct	gaaagggcgt	tttagagtcc	ccgtttctac	gttctatgtg	gcacctctt	4860
gccgagggaa	catccagaat	ccctccactt	cctgtctagt	ttgaggcctc	aacaccttca	4920
tgatccagag	tccctgcggct	atgagggggg	gggcccacca	ccgcccagcc	ctccttggtg	4980
gacgtgggga	caggtaggag	cctagggaaa	ggggctggcg	ggctctggtg	tgacggcggtg	5040
agcgctagcc	aggaaggtgg	ggccagggct	gggcatggca	cctcacctgt	gggggaactc	5100
ggcgagagctt	cctggcgcca	tctccccctc	ttgccttggt	cctttctatc	tttgtttttag	5160
gccaatttct	aaaaagactg	aggcctcctt	caaggttgaa	cagatttcta	gagccttggt	5220
tttgctgtga	caagtcccta	gtccctgttc	acaactctga	aaccaagaaa	cctgagaacc	5280
aagagaactg	aatgaagcc	cgttgggtctc	agcctggctt	gagccaacat	gaggctctct	5340
gctgcctttt	gttttcttag	gttttgtctga	gaaacgggag	tgcgttctgt	gtcgggtgtt	5400
gtgacgccct	gagaccctgc	ttggcctagc	taaagtccag	aaggcctggg	ccccacaggg	5460
cttggatgag	ggctcattgg	cctgtacttc	aggaggcctg	agaggcccgg	tcagtcccat	5520
gaggctactc	ggcttggccc	gcaggtcctc	cagggcacag	ggcagaggga	caccccaggg	5580
acccatcaga	ctcacgacac	agagaaactc	aagtgggggtg	ccaggggccg	ccacagaggc	5640
cacgggcttc	ctgcctgtga	cgagccgccc	tgtttgtctg	agccctttgg	agatttaggt	5700
tgagtcatga	gaaccgggtca	ttggaacata	cactttatta	tgttacaaaa	acaaaaatcc	5760
ccactgaaac	acagctaaaa	aaataacaca	ttttcccaag	attacattac	caaaaacagt	5820
tgttatgtca	ttggaggggcg	tccattaata	ctgctcggag	aagcacgata	ttacacgaaa	5880
aacacggatg	ggatttcggt	ttcaccttta	aagcttttaa	agtgccttaa	cttggtaaaa	5940
a						5941

<210> 6873
 <211> 816
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (263)...(10)
 <223> similar to gil87274 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6873
 gggggcagat gtgtgaggat cactgcagtc caggagttcg atgtttcagt gagctgtgat 60
 tgcaccactg catatcagcc tgggtgacag agcaagaccc tatctcaaaa atacagaaaa 120
 atcatcaacc acttgcagtc gtcgtagaaa tcaatcattc cctccagtta tgtccctgac 180
 ccacaggctt catttgtgca agtactgggg ctgtgctgtc agtaatgtgt gccgcttctg 240
 ggaaggacgt ccattgccct tgatgattgt ggtaccatac acactgcctg tttccttgcc 300
 tgttggttcg tgcgtgataa tcacaggggac accgatcctc acttttgtca aggacccaca 360
 gctggaggtg aatttctaca ctgggatgga tgaggactca gatattgctt tccaattccg 420
 actgcacttt ggtcatcctg caatcatgaa cagttgtgtg tttggcatat ggagatatga 480
 ggagaaatgc tactatttac cttttgaaga tggcaaacca tttgagctgt gcatctatgt 540
 gcgtcacaag gaatacaagg taatggtaaa tggccaacgc atttacaact ttgcccatcg 600
 attcccgcga gcatctgtga agatgctgca agtcttcaga gatatctccc tgaccagagt 660
 gcttatcagc gattgaggga gatgatcaga ctctcattg ttgagggaatc cctctttcta 720
 cctgaccatg ggattcccag agcctactaa cagaataatc cctcctcacc ccttccccta 780
 cacttgatca ttaaagcagc accaaacctc aaaaaa 816

<210> 6874
 <211> 3039
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2825)...(40)
 <223> similar to gi3599336 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6874
 tttttttttt ttgtctttat catttattat ttttatttgg acaacatata tacatatgta 60
 caaaatacct actgtcagaa tcctctttta taatttcatt tgatttaca aaacgggaca 120
 gcaaaataac ttaggtcact aatactgtac aaaaataaaa ctgattaac agttgtaaag 180
 atcagtatct tacagtgtta cagatcatct gatgtgaaag aacatctcaa tctatccgag 240

tgatgagtag	tgtgctaaat	ctatctgcaa	actgacaaac	taatcagttt	ctgtaattgt	300
aactaccaaa	tagaattctc	aagagaagca	tgatgtggag	ctaaacctta	aagccagggc	360
atcattccac	aatgggtgaag	ggctttcttc	ttccctaacc	aaagagagga	gatatcttaa	420
ctctaaaact	attaaatttt	ccagaatatg	acaactactt	acagtattag	ataaaacaac	480
ttttctttct	ttttaaacac	ctgcaatagt	ctttcaaaaa	ttcagtttgg	ttaaaaaagt	540
aaacaaaaat	tactatcctg	catttggtg	ttcataagtt	aaatccatgg	tctttttaat	600
ataaaaagta	attgtttcat	agtttttagt	ttcaatgaac	tctagtagtc	ctatttgaac	660
catactctga	tatagtaaat	ctaattagaa	tgctggttcc	tgttttgtga	cattttaaaa	720
caggatttaa	tcacaaagaa	taaaaaggct	tgagtttata	cgttacatta	ctataacata	780
taagagaata	tcaaattgtg	gtttgtcaac	aacttgaaaa	ggcaagtaac	aacttttttg	840
ggaagtaaat	tgtgcatttt	tttaaaacaa	gttgctgcat	ttatatccat	ctaagtgcct	900
gacaaaagcc	acatttagat	ttactcctga	aactataaag	attgtctttc	actgactttg	960
ctttgctttc	tttcgtttct	ttctgtgagg	gaaagatgac	tttttacaag	ttagcaagtt	1020
gctaggcaac	cccaaactcc	tcactcacta	aaaggcagcg	tgacaggtat	cataagcaga	1080
accattccat	gagctcagtg	agaaataggc	agcctaacct	atttcgtatg	gaagaacaga	1140
tgctcttaaa	acttattttg	gacacagaaa	ttaaaatttg	gtttaaaata	agtgtttcaa	1200
aaatctgaaa	cagaggtaga	aagtgttctt	tatttttctt	gacatgtttt	ctcgtgagaa	1260
aacactttcc	tttttatccc	atggactgct	cccagtcctt	aatgttaaaa	gcagttctct	1320
ttatagaact	actaatacaa	ctacgttggt	taaaacaaaa	aacactgtgc	tagtgatggc	1380
tggtgtattg	gaagttggag	tcagccgtga	cccgcgcca	ctgcaggagc	ccacactgat	1440
tctgaatcag	aaacgagtat	gggtcaggtg	aaataggtag	gcaccctatg	tttacacatt	1500
tcagagcgca	agtataaact	agagtgcacc	atagctccct	gttttaaata	tcagataaaa	1560
tcatcagaaa	gcgttacttc	tgaagaaaaa	aaaaatgtaa	acatttcccc	catgatcact	1620
gctgactccc	ctcatttgag	gtcttaacta	cgaaaactca	gttcactttt	ctggcctcat	1680
aaaggccaca	gttaagtttt	caggtaaattg	gcatagatgg	atgtagtggt	ttcagccatt	1740
atagacacct	agatacaaga	tatatttagt	gtgaggctat	tgatgtaaaa	gatacagtga	1800
tgtgatttca	ttcgtagtat	tccatgttgc	ctgcattctc	cacaagggac	gattttgcag	1860
agtctcctct	gaaatcattg	tggtattttc	ccttggtggt	cactagttaa	aggggttgat	1920
ttttctgttc	ctatttcagc	tccctttcct	tctacataac	tcttgacact	gagagtggga	1980
gttttgtagg	aacacaggaa	ggagaccaac	aaaccttttt	ccccaaaaaa	taggtgtttc	2040
cagatctcat	tactgtttatg	cacacattca	aataaaaacc	aacagagtca	aaagctctct	2100
cccctagtg	cattaggata	caataatgat	gttaactaaa	agcataggaa	aatttgga	2160
agttaataga	gttaaaaattc	tggttggttct	tttctttttc	ttttgcaaaa	cactaccctc	2220
cttctccttc	agcatctggt	gtgtatatct	tgccctcaca	tctctgccat	gatttcttag	2280
ggaaacgtgt	atattgtaaa	ataagcagat	tataacgtgg	tgccaaacag	aacatctgct	2340
tctatcctca	aagcatgtat	cttaacttat	tcatcctctg	cattagaaaa	taaaagtga	2400
cgcttatgtt	caaaaaagta	caactcatac	aaaagcaaa	gtttaaaagt	tctgtactta	2460
gtgtaacctt	tcaaagggtt	gtcttgatta	gtataaattc	agactctgct	tacccattga	2520
ctataagtaa	ctgttttttg	ttttcaagtc	tttagatgac	agatcatgct	ggagtagatg	2580
tgctcttgct	tgcataaaga	cagctgtgct	atggcgtttt	tttttttaat	ctcaaaagtt	2640
aacgtgatcc	aagagagtg	ttttgctaaa	caaactgaag	cacactcgtc	attacattaa	2700
aaggtaagaa	aacaattctg	agagacagca	agcataaagg	gcccagaatc	actgtgcgag	2760
gccacaggtc	aactcaccca	gcggacatat	gtacaccagt	gttgaatctt	taaaattcta	2820
ccccagacca	gtgtctctcc	tgaacataga	ggcaaaaatc	ctccactaaa	tacaagcaaa	2880
tataatccaa	caatgtataa	aaataattat	acaccaagaa	caagtgaagc	tcataccaaa	2940
tacgtgagat	tgactgagca	ctgaaaaatc	agatgatgca	acccatcaga	ttaacaggct	3000
aaagaagagg	aaaatgatat	aacttttatca	atctatgctg			3039

<210> 6875
 <211> 1919
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1920)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1621)...(1814)
 <223> similar to gi733571 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6875

tttttttttt	ttagaaaaat	gaaagctgat	ttttatttta	tcatcaacag	ccattcttta	60
gacatgaaca	tgcatacgta	atattctacg	cacacatcac	agcttttaac	gttagttaat	120
aaagggttaa	cacacaacat	acatccttac	aaaaaaagtc	aaaatgcaaa	cttaaaactt	180
taaacaaaag	tattactaat	ttaaaaaaag	tttgtgttgg	gtaccatttg	tacaacacag	240
ttaatttaaa	cattttcatt	ttgggtgcac	atgaaaaagg	cggcagtaga	aaataaagtc	300
attgaggggt	tttaaatagc	agaataggca	gttttgccat	gcaggagaag	caatattaaa	360
tattagtttc	aaaaaaaatc	cacatttaaa	aatatttagt	tcaagtcaca	gaatttttct	420
cagtagagac	cccaatgcaa	tgcataatta	gctgccttag	atggcccgtt	tgaaaggatg	480
atatcccttc	agagtgtaac	tttactgatt	ttggcacaga	aaagaagtct	taagaacatg	540
attaaaaaag	agggaagagg	aacagaggaa	agaaataaaa	gcaagaataa	atgagatagt	600
aattgcaatc	actaaaaaac	tgcattctca	gtcattgcag	aatactgtct	tctgtctaca	660
gcagggtgct	attccagaat	tggtattgca	gcatggattt	aatttgcttg	gaggtagtct	720
catcattcaa	atgttttggt	gtgtacctga	gagcatttag	aagaccttcc	acactattag	780
gagggttggtc	cttaagaact	ttgatacaac	ctttcatatc	aattttggaa	gttttagcaa	840
atgctcccac	tggatgtacg	tggtcataga	gtattatgac	acccaccatt	accctcaagc	900
agaatgacac	tgtctcttca	tttgtaaatac	tgcttctgta	ttccggtggt	tccagcatga	960
ctctgcatac	actagccatt	gtgcttaaac	aatctgtggt	attttctatt	ggtaaatttt	1020
tattctctga	tacaaatttt	gttgtggcat	cactcaagggt	tttcagcatt	ggagttgcct	1080
cagcataaaa	caaagacatt	cgatttgcca	attcattatt	tacttcattt	tctccttctg	1140
ccggtacatt	gttaatcctc	atacgactca	atgttcttct	ataatagctg	aaatcattct	1200
gtatggcagg	atttgtcatc	ttgagttcat	caaaccggag	tgtgaaatga	agaatttctg	1260
caaactgttt	agcaagagcc	tgctctcgct	ctagatgctg	ggtgggagaa	tatgggggtac	1320
ttgttaaggc	tcccagaaga	cctcttaatg	ctgcttctaa	cctctgagaa	aattcgtaaa	1380
atttctttta	tttgctact	agtggaacaa	ctgcacccca	tgcttctctt	tgcaacttct	1440
catctgctgg	atgctggatt	gcctctcgta	tttctgtggc	agctcctctg	tatgactgca	1500
agtcctccaa	gatgccttct	gcatctttta	atactacatt	cacctgatta	taaatttcct	1560
tctcagactc	tgtaggctgg	gcatctgcca	cttttcaaaa	tcaaggaaaa	aatttggccc	1620
ctgctcaagg	tctgtgcatg	tcaaaaacttt	aagaagattc	cccatgttaa	ggtaccttca	1680
gccagtgctg	gtgattctgt	ccttgctcct	ctatccttgg	attggcggtc	cctctttcct	1740
agttcacttg	ttccagtcct	tcaacttctg	tttcttgcta	acagggtgtgc	aaatgaatta	1800
ccaactgggt	aaccttgaat	gagttaatca	aattccaggc	ctcagtttct	tctccttcga	1860
gaagccgagc	cgccggcgct	cgcacaaaag	gaggcacgct	gntctcgacg	cgcctcccc	1919

<210> 6876
 <211> 1864
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1865)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1382)...(1743)
 <223> similar to gi200543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6876

tttttttttt	ttttaaaca	tgtggtactg	gtgtattgac	agtaatgtcc	acgaaacaga	60
atgaaaaccc	ccaaattaca	ttaggtttac	actgggagtt	agcaaaacaa	aagggcagca	120
ttaaccgaca	tacagcacgt	gggaggatgg	tggaaaagct	ggacatgact	cactggacat	180
ttcaactgaa	accacagagg	ttcttgaaaa	tgctggagaa	ttccctgatt	gccttatcag	240
ttacaaaccc	aaattcagaa	tcatgtgaca	gctggataca	ttcaactgta	cgtacaaata	300
atgatcaaaa	aacacaaaag	ttgggtagt	gttaccatag	cttttactgt	agttattcat	360
taagctattc	aactgttctg	tgcagtttga	tgttttattt	tacaataaaa	agtcaaaaaa	420
aataagcaaa	aagataaact	ggaaaataag	acttacatct	catatatatg	gacaaaggac	480
caattacctc	caaacataaa	cagctcctag	aaattactgc	aaagatcaac	aaccagtag	540
aaaaatgaat	gaagttccca	gaacagaaaa	cacaagtggc	ccttcaaaaa	aatgaagaga	600
ggctcagcct	cttatggtaa	gacaaagaga	caggatttta	aaaacctagg	cctcttccta	660
gagttccctt	aaatatctag	gccagatcat	ttttacttcc	tggttagac	cctgccagg	720
gctgccagc	tactcaggtg	tttgtgtcct	tgtggactca	agtcattattg	tcctgatctt	780
ttggctgagt	acggttttct	cctccagcaa	agacaatttg	gaggatgtac	taagcatgaa	840
gcgctacttc	ctggcccca	tctctcttcg	cacagtgttc	catcatccag	ccatgaaagc	900
acagctgagt	gatccaagag	gcagttccaa	ttgttgacta	acgtgtacct	gcctatgtga	960
gtgtgtccta	tgggaactca	ggccttagaa	tggtttcaaa	gtagtggctt	tcaaaattac	1020
tgtttgcctc	ttcaaaactt	acacctaaag	aaaatggaaa	catgcagagc	agggacacag	1080
aaggggcatt	agctggcgtg	gggtaggggc	aagagcta	tgtgaaggaa	gaaggcctga	1140
gatcacgtag	ccatgtcgga	gaacagctgt	gctcgctgcc	ctgcctcttt	gcgcgcatgt	1200
caggcagccc	caggctccag	ctgcttgagt	ttctcttgga	gtccccggag	ctggcttcga	1260
ccccagtcaa	tgcggttctg	gaggctggct	atgtctgcgg	ccagctgcag	gccatcccgg	1320
aagcttgctt	gagcctgacg	tagactgtga	ggaactagga	ttccaaacca	gttcaggggg	1380
tcctgagggg	cctcagagga	ctccggttct	ggggtcttag	tggggccctt	gcgcctccgc	1440
agacctgctt	cgcgaggccc	cacctcctct	ggggcggtga	caccagctct	caccaccttg	1500
aacttctgga	gtccctcctg	ggcctcgctg	gcgtggaggc	agacctgggg	ctccatgtgg	1560
gaagcatact	gcaggggccc	taccgacttg	gcgcccacg	cgtagcgagc	cttggcgagc	1620
gagagccagc	cctcctccac	ccgggcgttc	aacaccgttc	gtttccccctc	cagctcctcc	1680
aggtcccaaa	gcagctgcag	gaccagcgaa	tccagctccg	ctcgagggtc	aagcgccgcc	1740
atggacacac	ctccagatct	ggagccacct	tcttcttctg	cacctccgc	agtttggcag	1800
gacanccaat	aggcacacga	gacccctcat	caaggggcgt	tccagctctg	gggatcccca	1860
nggc						1864

<210> 6877
 <211> 1910
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (512)...(1234)
 <223> similar to gi3766377 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6877

aagaacttct	gcaatccttt	tcatgaaatg	atatacaacc	acttcctggt	gtgtcacact	60
tgcctgcagt	aacatgctgt	aagggttgtg	gcataggagc	agtgggccat	accatataat	120
caaggtgtca	catcccgggtg	gctggacatg	ccctcttggg	cttggcagat	gccagtggat	180
ccatacaact	gctccgcctg	gtggaatctg	aggtcagtga	cttgcaactg	ttctgtgggg	240
cagaaggggac	ctgaatagag	aggggttgggg	aggaggctgt	gctgatacag	acatttttct	300
aaaacgatct	ctcttcaatg	gtgagctata	tataaacggt	ctaagataat	gtggagtcta	360
tttttaagtt	gtattgctgt	ctacatccaa	ctccaagagg	aagtcacctc	atgtgtcacc	420
agcagaaggg	ctgaagtga	aggatgttca	ttgacctgtc	agtggatctg	aaagttctct	480
aaggagagcc	tgggcaagca	ttcttaggtt	gatgctgggg	cccagagtag	cagtgagcat	540
cctgtgtgaa	gatggcattt	ctcactgatt	attggaaaag	cactagaaga	gccacgtgct	600
ggagccattg	tccagccttg	ccctggaggga	gcagtgtctg	gctttgtccc	tagattggtc	660
cactgggaaa	actggaaggg	ccggggacca	gcccttgaag	atcatcagca	gtgactccac	720
agggcagctc	cacctcctga	tgggtgaatga	gacgaggccc	aggctgcaga	aagtggcctc	780
atggcaggca	catcaattcg	aggcctggat	tgctgctttc	aattactggc	atccagaaat	840
tgtgtattca	gggggagcag	atggccttct	gaggggctgg	gacaccaggg	tacccggcaa	900
atttctcttc	accagcaaaa	gacacaccat	gggtgtgtgc	agcatccaga	gcagccctca	960
tcgggagcac	atcctggcca	cgggaagcta	tgatgaacac	atcctactgt	gggacacacg	1020
aaacatgaag	cagccgttgg	cagatacgcc	tgtgcagggt	ggggtatgga	gaatcaagtg	1080
gcaccctttc	caccaccacc	tgctcctggc	cgcttgcagc	cacagtggct	ttaagatcct	1140
caactgcca	aaggcaatgg	aggagaggca	ggaggcgacg	gtcctgacat	ctcacacatt	1200
gcccgcactg	ctggtgtatg	gagccgactg	gtcctggctg	ctcttccggt	ctctgcagcg	1260
ggccccctcg	tggctcctttc	ctagcaacct	aggaaccaag	acggcagacc	tgaagggtgc	1320
aagcgagttg	ccaacaccct	gtcatgaatg	cagagaggat	aacgatgggg	agggccatgc	1380
cagaccccag	agtggaatga	agccactcac	agagggcagc	aggaagaatg	gcacctggct	1440
gcaggctaca	gcagccacca	cacgtgactg	tggcgtgaac	ccagaagaag	cagactcagc	1500
cttcagcctc	ctggccacct	gtcctttcta	tgaccatgcg	ctccacctct	gggagtggga	1560
ggggaaactga	gcttgaaatc	atgaagcccc	ttcccacaag	gaaaccagga	gggagactgc	1620
gagtgaagtgc	ccgggaccac	ctcatcagag	atgcttactg	cagccctgca	ggtgcctgtg	1680
cactgatgga	atccacagtg	tagtcagaaa	agctgttgac	ttctcttaaa	tcagcttccc	1740
tgctgggccc	ctgaaagtgg	actgggtgat	tctgtctggc	agagagtggg	gaaaagacgc	1800
ggtttccagc	ttgcagattt	gttaagtttc	tcaggcagat	tttgactttc	agcctttcat	1860
acttgtttaa	gcaactatct	gtattaaatg	aagttttttg	aaaaaaaaaa		1910

<210> 6878
 <211> 1978
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1912)...(803)
 <223> similar to gi3236353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6878
accctgcag tacggttgcg gacttccgcg gtaccagccc ggcatccag aatagaccca 60
cgcgtccgcc cacgcgtcct cggacgcgtg ggcaaaagtt tatctctttc tttagtagct 120
ttgctcctat aacttgcaag agtctgttta ttaccaacat tgcctcttg actaatatgt 180
aggatthttg aagtcctccc tccatcacat caaatgggtt ttgctaattg acatgttaac 240
agtgtggatg gagaaactat tatcatcagt gatagtgatg attcagaaac acaaagctgt 300
tcttttcaaa atgggaagaa aaaagatgca attgatccct tactattcaa gtataaagtg 360
caaccacta aaaaagaatt acatgagtct gctattgtta aagcaacaca aatcagccgg 420
agaaaacacc tattttctcg tgataaacta aagctttttc tgaagcaaca ctgtgaacca 480
caagatggag tcattaaaat aaaggcatca tctctttcaa cgtataaaat agcagaacaa 540
gatttttctt atttcttccc tgatgatcca cccacattta tcttcagtcg tgctaacaga 600
cgaagaggga gacctcccaa acgaatacat attagtcaag aggacaatgt tgctaataaa 660
cagactcttg caagttatag gagcaaagct actaaagaaa gagataaact tttgaaacaa 720
gaagaaatga agtcactggc ttttgaaaag gctaaattaa aaagagaaaa agcagatgcc 780
ctagaagcga agaaaaaaga aaaagaagat aaagagaaaa agagggaaga attgaaaaaa 840
attgttgaag aagagagact aaagaaaaaa gaagaaaaag agaggcttaa agtagaaaga 900
gaaaaggaaa gagagaagtt acgtgaagaa aagcgaaagt atgtggaata cttaaaacag 960
tgagagtaaac ctagagaaga tatggaatgt gatgacctta aggaacttcc agaaccaaca 1020
ccagtgaaaa ctagactacc tcctgaaatc tttgggtgatg ctctgatggg tttggagtgc 1080
cttaatgcat ttggggaact ttttgatctt caagatgagt tcctgatggg agtaacccta 1140
gaagtattag aggaagctct tgtaggaaat gacagtgaag gccactgtg tgaattgctt 1200
tttttcttcc tgactgcaat cttccaggca atagctgaag aagaagagga agtagccaaa 1260
gagcaactaa ctgatgctga caccaaagat ttaacagagg ctttgatga agatgcagac 1320
cccacaaaat ctgcactgtc tgcagttgca tctttggcag ctgcatggcc acagttacac 1380
cagggtctga gtttgaaaag tttggatctt gatagctgca ctctttcaga aatcctcaga 1440
ctgcacatct tagcttcagg tgctgatgta acatcagcaa atgcaaagta tagatatcaa 1500
aaacgaggag gatttgatgc tacagatgat gcttgatgag agcttcggtt gagcaatccc 1560
agtctagtga agaaactgtc aagcacctca gtgtatgatt tgacaccagg agaaaaaatg 1620
aagatactcc atgctctctg tggaaagcta ctgaccctag tttcaactag ggattttatt 1680
gaagattatg ttgatataat acgacaggca aagcaggagt tccgggaatt aaaagcagaa 1740
caacatcgaa aagagaggga agaagcagct gccagaattc gtaaaaggaa ggaagaaaaa 1800
cttaaggagc aaagctacta aagaaagaga taaacttttg aaacaagaag aatgaagtc 1860
actggctttt gaaaaggcta aattaaaaag agaaaaagca gatgccctag aagcgaagaa 1920
aaaagaaaaa gaagataaag agaaaaagag ggaagaattg aaaaaaattg ttgaagaa 1978

```

<210> 6879

<211> 2474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (210)...(1181)

<223> similar to gi4589544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6879
agtaaact gaccctttcc ccctttgctg ctacctaggc agatgccagc cccaaacctc 60
atccctagt gaggccttgc tgatgtggaa gtggccaggg ccctcatgga ggctgggcag 120
aagcccaaga gcaggctcta aagctgccaa acccggcagc cctggtcccc ggaggctctt 180
gccagtctga cagtgttctt ggcaactgctc agaggtccca gcagctgggg ttccccctca 240
gcccgtagc agccatgtcc aaccccagcg cccaccacc atatgaagac cgcaaccccc 300
tgtaccagc ccctccgccc cctgggggct atgggcagcc atctgtcctg ccaggagggt 360
atcctgccta ccctggctac ccgcagcctg gctacgggtca ccctgctggc taccacagc 420
ccatgcccc caccacccg atgcccata actacggccc aggccatggc tatgatgggg 480
aggagagagc ggtgagtgat agcttcgggc ctggagagtg ggatgaccgg aaagtgcgac 540
acacttttat ccgaaaggtt tactccatca tctccgtgca gctgctcatc actgtggcca 600
tcattgctat cttcaccttt gtggaacctg tcagcgctt tgtgaggaga aatgtggctg 660
tctactacgt gtcctatgct gtcttcgttg tcacctacct gatccttgcc tgctgccagg 720
gaccagacg ccgtttccca tggaaacatca ttctgctgac cttttttact ttgccaatgg 780
gcttcatgac gggcaccatt tccagtatgt accaaacca agccgtcatc attgcaatga 840
tcatcactgc ggtggatatc atttcagtca ccatcttctg ctttcagacc aaggtggact 900
tcacctgtg cacaggcctc ttctgtgtcc tgggaattgt gctcctgggt actgggattg 960
tactagcat tgtgctctac ttccaatacg tttactggct ccacatgctc tatgctgctc 1020
tgggggccat ttgtttcacc ctgttcctgg cttacgacac acagctggtc ctggggaacc 1080
ggaagcacac catcagcccc gaggactaca tcaactggcg cctgcagatt tacacagaca 1140
tcatctacat cttcaccttt gtgctgcagc tgatggggga tcgcaattaa ggagcaagcc 1200
ccattttca ccgatcctg ggctctccct tccaagctag agggctgggc cctatgactg 1260
tggtctgggc tttaggcccc ttctcttccc cttgagtaac atgcccagtt tcctttctgt 1320
cctggagaca ggtggcctct ctggctatgg atgtgtgggt acttgggtggg gacggaggag 1380
ctagggacta actgttgctc ttgggtgggt tggcagggac taggctgaag atgtgtcttc 1440
tccccgccac ctactgtatg acaccacatt cttcctaaca gctgggggtg tgaggaatat 1500
gaaaagagcc tattcgatag ctagaaggga atatgaaagg tagaagtga ttcaagggtca 1560
cgaggttccc ctcccacctc tgtcacaggc ttcttgacta cgtagttgga gctatttctt 1620
ccccagcaa agccagagag ctttgtcccc ggcctcctgg acacataggc cattatcctg 1680
tattcctttg gcttggcatc ttttagctca ggaaggtaga agagatctgt gcccatgggt 1740
ctccttgctt caatcccttc ttgtttcagt gacatatgta ttgtttatct gggttaggga 1800
tgggggacag ataatagaac gagcaaagta acctatacag gccagcatgg aacagcatct 1860
cccctgggct tgctcctggc ttgtgacgct ataagacaga gcaggccaca tgtggccatc 1920
tgctcccatc tcttgaaagc tgctggggcc tccttgagg cttctggatc tctggtcaga 1980
gtgaactctt gcttctctgt ttcaggcagc tcagagcaga aagtaagggg cagagtcata 2040
cgtgtggcca ggaagtagcc aggggtgaaga gagactcggg gcgggcaggg agaatgcctg 2100
ggggtccctc acctggctag ggagataccg aagcctactg tggtagtgaa gacttctggg 2160
ttctttcctt ctgctaacc agggagggtc ctaagaggaa ggtgacttct ctctgtttgt 2220
cttaagttgc actgggggat ttctgacttg aggccatct ctcagccag ccactgcctt 2280
ctttgtaata ttaagtgcct tgagctggaa tggggaaggg ggacaagggt cagtctgtcg 2340
ggtgggggca gaaatcaa atcagccaagg atatagttag gattaattac ttaatagaga 2400
aatcctaact atatcacaca aagggatata actataaatg taataaaaatt tatgtctaga 2460
agttaaaaaa aaaa 2474

```

```

<210> 6880
<211> 1528
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1529)
<223> n = a,t,c or g

```


<220>
 <221> misc_feature
 <222> (238)...(539)
 <223> similar to gi1945332 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6880

cggacgatcc	acgcgaccgg	cgcgcggggc	gcgagtccca	tgcacgcggct	aatagtttgg	60
agactagctg	aagcaaataa	gcaacatgta	agatgtcaga	aatgcttgga	atttggacat	120
tggacttatg	aatgcacagg	aaaaagaaaa	tacctacata	ggccctcaag	gacagcagaa	180
ctaaagaaag	ctttaaaaga	aaaagaaaac	agattattat	tgcaacaaag	cattggagaa	240
accaatgtag	aaagaaaggc	caagaaaaaa	aggtctaaga	gtgtaaccag	ttccagtagc	300
agtagcagtg	acagttctgc	cagtgtattct	tcatcagaga	gtgaagaaac	atctacctct	360
tctctctcag	aggacagtga	cactgatgaa	agctcctcta	gttctctcatc	ctcagcctcc	420
tccacaacct	cttctctctc	ctctgattca	gactcagatt	ccagctcttc	cagtaagcag	480
tagcaccagc	acagatagca	gctctgacga	tgaaccacca	aagaagaaga	aaaagaaata	540
gagttgctcc	attcatattg	gaccgatgga	ctgaaaacat	tgatgtgatt	cttgaaaggg	600
aatttagaat	atgttaaggc	caagtagggt	aactggtgaa	catttctaga	attcaaaagt	660
ttctaaatgt	tttacattgt	aagagcatag	agaatattta	ataatggctt	atagagagag	720
acttttattt	gaagggtgaa	tcttggtttt	tttatcttta	aaatatatct	ctagaactta	780
aagctgaaaa	tatgcgtatc	tgtttggtgt	atgaaactat	cttttctctc	tgtgaaataa	840
atgccatact	ttgttatata	tgttagtggg	atgtatcaga	catattttca	ggatgggtgcg	900
tcaggatata	tggcagtgga	tttctaattgc	ttttggctgt	atgttatgta	agatttaata	960
tgttgttact	gtaagcttag	gagttttcct	actattaata	aatgtgctct	atttttacat	1020
ttatgttcag	aaagttatct	gactttttgt	cctaagtggg	atgttcaagg	agcctattaa	1080
tatatattata	gtttttgaat	gctgtaagtt	tcaaattgct	gtgttacgtc	attcattttc	1140
ttctggttcc	ttaagttttt	caagttatcc	ttttctgagg	aaaattattc	tagaggaacc	1200
taaaaaggga	caaaaaaatt	gaaacttctt	aggagtctaa	tcttggtgcc	ttctgttaaa	1260
agtcagtgtg	tcagaaaaga	aagcagccat	gtaagaggct	aacttaagta	gaagtgctag	1320
aaatatcttt	gtgtattaac	atgcaataaa	aggtaccatt	caaagcaggg	ggaaaggtag	1380
ggaagggaagg	aggtaatttt	tactggaaaa	ttaggggcan	tgttgggtcg	ccttttattt	1440
aaaagctttt	ttttaaggct	ttcataaagg	attgcntttt	gcccattttt	tggaaanatg	1500
ggnttttatag	gtttgtangg	ggnaccgcg				1528

<210> 6881
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (778)...(477)
 <223> similar to gi5104315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6881

tttttttttt	ttaaaaacaa	caacaaacca	ctttaatgga	cacataaaat	ccctgggggt	60
ctcattgcaa	tgcagatttg	gattaaacag	tctgggtggg	tcctgagacc	ctgatcccct	120
tgcttttcac	ctatggccac	attttgagaa	gcaaggccac	tcaaagggcc	cccatctgtg	180
tgaatcaacc	cctgctccat	ctgcccctat	aaatgacagg	agtgggggtg	tcccagggtc	240
tgagcctgga	gggggttgca	ggcttcctcc	aggcatggaa	gtggagtgag	aggaggctgt	300
agttaaacgg	gttactctgt	cagcagacac	agaggagacc	agaatagctt	ttatttcaca	360
tgaagctaag	gaaggaagtc	gagaggacag	ggctggttct	gtgggcgctg	ccctggcagg	420
tgcaccacct	ccaactgctg	ggctccagct	ccagggtctc	gaagccatct	ccgagaaggt	480
cgggagcggg	gctgaagggt	cccgggggca	ggttccaggc	cagctcctcc	agcaggccca	540
gcaggccttt	cacctctgtc	cccagggtgat	ccacggtctt	ctctaccatc	tcctccatga	600
catctagacg	gcgttgacac	gccatgtgtc	tgtcacacgc	tgtgctctga	gctgagtctc	660
ctcgcgagag	gctgaagggt	tcggcagcgg	ccaaagagcc	cgcggcgcg	agcagggccca	720
gtccgggtcag	cgcgcagagc	aggggcccga	tggtgccggc	ctggccgagc	gcagcgccgc	780
gtctgcccgc	agccgccctt	cccgg				805

<210> 6882

<211> 1134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(458)

<223> similar to gi3152662 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6882

gctgaggccc	agcatggccg	gcccgggccc	caccttcccg	ctgcaccggc	tcgtctgggc	60
gaaccggcat	cgcgaactgg	aggccgcact	gcacagccac	cagcacgaca	ttgaacagga	120
ggacccccgc	gggcggaccc	cactggagct	ggccgtgtct	ctgggaaacc	tggagtctgt	180
gagagtgtct	cttcgacaca	atgccaacgt	gggcaaagag	aaccgccagg	gctgggcagt	240
cctgcaggag	gcagtcagca	ctggagaccc	cgagatggtg	cagctggtgc	tccagtatcg	300
ggactaccag	agggccacgc	agaggctggc	gggcattccg	gaactgctca	acaaacttcg	360
ccagcccagg	gtcacgtagg	aaagagagac	ggccaggctc	acgtgggaga	gactggaccc	420
tttggaagag	aagccttgcc	agctttgggc	ctcctgaaga	atgcagatta	cctggagcag	480
ggacttcagg	ttgactcggg	ggattatggc	ctgaaaccct	ggaatacttg	ctactacgca	540
cccttctgga	agcacacgga	ggggcctggc	tggcagagca	tactatctca	tacccccctac	600
cccaggagca	ggctcggagg	gagccactgt	gcccccttta	cagagtagga	ctctgagacc	660
cagtggaaac	aaaggctccc	ccagggtctc	gcacaggctc	atggccagggt	tgaggctggc	720
cctccacctc	caggtgctta	cagcctcatt	gtctgaagac	cactgtagtg	ccccacttgg	780
cccacctctc	ccagggcaga	gtggttgggc	gtagctgagc	catagcagtg	cgtcaagact	840
tgatgaaggg	ccaggcggtg	tggcttactc	ctgtaatccc	agcgctttct	gaggccaaag	900
tgggcggatc	acttgagccc	aggaggtgga	gaccagcctg	ggcaacatgg	tgaaagccgt	960
ctctacaaaa	agtacaaaaa	ttagctggga	gtggtggcac	acacctgtgg	tcccagctac	1020
tcgggagggt	gagggtggaag	aatcacctga	gcccaggggag	gcagagggtg	cagtgagccg	1080
agattgcacc	actacactcc	agcctgggtg	acagagcaag	tctcaaaaaa	aaaa	1134

<210> 6883
 <211> 1828
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1406)...(1647)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6883

cagctatttaa	aatttagaaa	ctactatag	taaaattttg	caattattag	caaaagaaca	60
aatagataaaa	attagagAAC	ccagaaacag	gctagggtgtg	gtggcttaca	cctgtaatcc	120
caagtagctg	ggactacggg	cgcataccac	cacacctggc	taattttttt	atttttagta	180
gagatgaggt	tttgccattt	tggccagggt	ggtcttgaat	tcctgacctc	tggtgatcca	240
cctgcttttg	cctcccaaag	tgctgggatt	atagggtgtga	gctaccacac	ccagccttgt	300
gacagtgatt	cttatctcat	agtgcAAAag	atggcatttg	gatgggagat	aatagttcag	360
aaaagttcca	ttctacagca	actcacaatt	tgaggaccat	agttctaaga	aatatccaca	420
aagtcagttg	aactatgatt	tttagctact	tggcataata	agttttgctg	gtaagtaatg	480
acttaaatcc	ataacttttc	aaaaacataa	gccttacttc	aaaagcatta	tttgtacatt	540
gtagaaaatt	agaaaataca	gataatcatc	tgcggttaact	ttcccaaaaa	agagaaaata	600
cagataaaat	attaaatgaa	aatattctta	ccacctacag	gcgaccaatt	ttaatatctc	660
cataagtctt	ccccagctct	atcttttgac	ttaaatagga	tcataattta	ctattgtctt	720
gtaacttgcc	attttcattt	aataacctcc	atccttcctg	gtcaaaataa	tttttcacct	780
cttctcttac	ttagtctata	ttcagatgta	aattgttcat	ctcttatatt	tcccataagt	840
gaaagttagt	cctagacttg	aagcctttat	tagctgtaag	ttcagcaaaa	tgcccttcag	900
agccagtttg	tcaaagccag	catccagtct	ggagaatgca	cctggcatat	ggttgtgtcc	960
tttaattccc	tttcaatcta	gtggagttct	ttttttcatg	atactgactg	aagagattgc	1020
acagtttttg	ttttaagtac	agagacgtag	tacatttctt	aataataaat	gtttaacttt	1080
tgtgtgtttt	aacctaat	gtttttttat	ttttaaattt	atattttatt	tcagcaaaac	1140
aagctatcga	tcagggaaga	tctccagtta	taatagataa	cactaatata	caagcttggg	1200
aatgaagcc	atatgtggaa	gtggtaaata	tgaaacatga	gaaagttttt	attttttatt	1260
cttgtcaatt	ttttcacatt	ctaaaatttt	ggctgggttg	atcttgatta	ttaaaacatt	1320
tgtccctttg	tttctaaaga	ggtttgttgg	tttgcttagt	ttttaaaaaa	attgtgaatg	1380
atgtttttta	aggaacatgt	tcatcttggt	aatttttggt	tgtttttttg	agacggagtc	1440
tcgctctgtc	acccaggctg	gagtgcaagt	gcaccatctt	ggctcactgc	aagctccgcc	1500
tccccagttg	aagcgattct	cctgcctcag	ccacctgagt	agctgagatt	atagggtgcct	1560
gcccccatgc	ccagctaatt	tttgtatttt	tagtagagac	agggtttcac	catgttggcc	1620
aggctggtct	cgaactcctg	agctcagccc	atctgccgtg	ctcagcctcc	caaagtgctg	1680
ggattacagg	catgagccac	cacgcccagc	ctcatattgt	tttgactttc	cttaaggata	1740
gtaatcttaa	ggaattacta	ttccttgaga	atagtaatca	aaatttatcc	ggttaaatag	1800
tcttaactgt	tataaacat	attatttt				1828

<210> 6884
 <211> 1097
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (319)...(47)
 <223> similar to gi522145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6884

cgtggaattc	agcacttttg	gaggctgtgg	caggcggatc	acttaaggcc	aggctggtct	60
caaactcttg	acctcggata	atctgcctgc	ctcgacctcc	caaatgctg	ggattacagg	120
cgtgagccac	cacgcctggc	cttttaagtt	tctctgtaaa	ttaatagtga	gacatgaatc	180
at ttattgca	ggtagcctta	ggttagggtg	tgtggaggat	agggcataaa	tagagatggc	240
tcctgccctt	tacgaagcat	cagtctgttg	gggcacatga	ggcatgtact	tgaataactc	300
tagtacaagg	tagaatattg	ttagtggctt	aaggaaaatt	tggacaaact	atgggagatg	360
agacaaagga	ggaaaagtaa	tcctgcataa	ctgtaggcat	tagaaacaga	gactccccctt	420
gctttatctc	taaattagaa	tcacaaatgc	gtaatctttt	cagggtaaaa	atgtgtcatc	480
tttaaagtct	gtttcagata	tattttaaat	tactatttta	aatgaattca	tatggaaaag	540
tcgtgggagc	ttaaggcctt	gtttaaaagg	gaaaaaacia	ctgagtcctt	ttagattaat	600
caaaaactat	cctcttcctt	tggagaggag	agagtgtttg	tcacacgcgg	aatgaagtgc	660
catgttcttt	gaggcacgat	ttgtatgcca	tggggaggag	ggagtccgtt	caagagaatg	720
gattccctga	caagctacgt	ttgccagaat	attccaagac	atgttttaga	agctacctat	780
ggcattaaca	tcataacgcc	tagagaggat	gaagatcccc	accgacctcc	aacatcggaa	840
gaactgttga	cagcttatgg	atgtaagttg	tgattcatca	gaaaatgtga	acaaaagtaa	900
cagtatacct	aatgaataga	aataagaata	gtaatagtac	tagaattgct	gttctgcaaa	960
gatacacatt	tataatattt	cttcagcatt	tttcaagcca	tctttcgtct	ctgtgggcct	1020
tgcctacaaa	gtaacctaaa	gtgcaaaaag	cttttaggac	gtttgctgct	ttgatgggtac	1080
ccacgtgcag	cacaggg					1097

<210> 6885
 <211> 1529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1530)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1258)...(771)
 <223> similar to gi2443886 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6885

gcggccgcca	cctctcccca	gccagaggaga	cggctgcgga	gccgcagccg	cccagaccgc	60
gcagcgcggg	aggcaggttc	cgcacgaaat	aatcagaat	gagttatgca	gaaaaaccgc	120
atgaaatcac	gagaagatga	gtggatggaa	aagctcaata	acttgcattg	ccagagagca	180

09-06-2017

<211> 2183

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (798)^{-} \dots (1466)$

```
<223> similar to gi5420389 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

tttttttttt	ttgggatgca	gcactttctt	tattgcccat	ccagggaaca	gccaaGCCag	60
ctccatctgc	attctggctg	cagcgtgtac	attaggggac	tcaggggcca	cagtgtggga	120
ccgtgcacac	tggcaaggca	ctggcggatg	ctggcaggcc	agtggacatg	gatagatgag	180
aatgacaact	cacagatgtc	ctagcttctg	ctggcccagc	tgccagccac	tggccatcac	240
ccttttgccc	agcatgtgtg	cattgtcacc	caaaacatct	tgaaacttcc	cattagttag	300
gcattcaaca	aagaagtaag	ctaagtgagt	aggaaacagt	gtttcctgga	atataccgca	360
ctctgcctga	aataggaaaa	ctatgtttgc	cggaagcag	cagcagcagg	aaagaagtta	420
tacaaaaaac	gacttgtaca	ccacagacat	tataaccctg	ttcctcaaag	aaacagtcac	480
gttctgttg	gtattatgga	caggtctctg	gaaattttatc	taataaagac	caacaaactt	540
ccccagcag	tgccctctgag	taccgtgtga	attctggtgt	cttgtggaag	tcagggtgcc	600
tctttgcat	ccaaactctt	gagggagctg	ggaagctttg	gttccatttt	aggagggctg	660
tgtgatgtg	acaaggtgt	tctggtcatt	tctgctctgt	tctcgtttct	gtgaagttag	720
gtggatgtaa	tgtgctgtgg	gatggggtgc	tccatatgtg	tgtgtagcct	ttactttcca	780
acttagtttt	ttgcatctct	cttgtaaccg	tgagccatac	ctctcagcct	tcattttggtc	840


```

gttctggagg ctaaccttgg ttcctggaga gtgtgcccct ccaccctccc tccagcagcc 900
ctgatcacac catgagagcc aggaacgggt caccctgctg aagatcactc tgtgccctgg 960
gggaggagcc aagccctcac cccacaaggg gcaggtgggg gcttgggttg tgaccgggcc 1020
caagtcccca cagagcacct tctgtagctc cagcttgtct ccctggcttc tctttgaagg 1080
agaaaaatgt aaaatatgca ctgagaaaagc cagccccgcc tgcttagtca gcccggcag 1140
cagggcagcc atgggaactc aggaaaagca ggaacccttt caaaagccc agagatgccc 1200
tgggctcaga tctgtaattc tcccaggagc tgtgatagag caggccacac aaagtcccta 1260
cgctccctg ctgcctcccc cagatgcatg tgatggcatc accattcccc aaattgaata 1320
tcagcatgcg gcctgaccag ggactcttta gatgcatgaa tttatttata tgaaggctct 1380
cacagagaca cacacagcac ttcagtagca tttgcattcc tggttaaaga atcaccaata 1440
tttaaaataa aaactttcct gaaattggga ctgtcatgtt atccagaagg gctggtacat 1500
ccgcccacca tgtccccctg ctgggtcagg agccaacaca ggaccctgcg tgtgagcgtg 1560
cctgacatct cacgcacggc cactccagag ccggtccctg tccttggaag gctgtgaagc 1620
cttgcggtga gttccttctc gatactgacg gctccgtgct gacattctga gctctggagt 1680
cacaccagcg caggggctgt gaggaactga ggtttggaag gaatgccagg tctcgcacag 1740
cttggcctcg agaagggtgag aggaaggcaa aggccaggga ggggaccag agaggcctgg 1800
cacacaaggc ccaagcacca ccgtcaacac agccagtc atacagaaat gggtttcatg 1860
cctgaaaagc tttttacaga aagatgccgc ctgtagccag tgacagccgc aaccctacag 1920
gcctcagttc cttgcagagg tgaggggtag agagtcagcc tccctccctt ccagcagcga 1980
cccagcttcc ctccacttcc aggtggtgct gggctcaccg agggagcact ggtgggtgct 2040
ctgaaaaccc acaggatccc acctccaggc ccacctgggt cccatctcac tctcttcttc 2100
tttcaccaat tgctaacata gaccttggtg ggatcacgat ggcttcacaa gccagctggt 2160
gggtttgcta tgtcactgtg gctcagtcac atccctgcgt gtatactgtc tgcggggcac 2220
atatgtatcc atttagagct aaaggaatca gtgtacacta cagctaatacc taataaatcc 2280
gatgttttcg gaaaaaaaaa a 2301

```

```

<210> 6888
<211> 1130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(556)
<223> similar to gi807646 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6888
tttcgtctgg cggccgggta agggctctgag tggatctcct gccaggccag agcgccttcg 60
ggggccgcgg cggaaggcca ggagtttgca gccaggggcg cgggtttgtg gtctgcagtg 120
tcgtgaggct gaggtgcagc atgtctagac tgggagccct ggggtggtgc cgtgccgggc 180
tggaactgtt gctgggtacc gccgccggcc ttggattcct gtgcctcctt tacagccagc 240
gatggaaacg gaccagcgt catggccgca gccagagcct gcccaactcc ctggactata 300
cgcagacttc agatcccgga cgccacgtga tgcctctgcg ggctgtccca ggtggggctg 360
gagatgcctc agtgctgccc agccttccac ggggaaggaca ggagaagggtg ctggaccgcc 420
tggaactttg gctgaccagc cttgtggcgc tgcggcgagg ggtggaggag ctgagaagca 480
gcctgcgagg gcttgccggg gagattgttg gggagggtcc atgccacatg gaagagaacc 540
agagagtggc tcggcggcga aggtttccgt ttgtccggga gaggagtgc tccactggct 600
ccagctctgt ctacttcacg gcctcctcgg gagccacgtt cacagatgct gagagtgaag 660
gggggtgagt tgtctctctt ggaggcagtt atggctacag ccaggttgtg ttttgtaaaa 720

```

gtattatcaa	tggaaaattc	aaaccaagct	gctgcaaag	atTTTTggaa	caggtaagag	780
tataataaat	acagaagagt	tgaaacaaaa	aacccatcca	atttatgtca	ttcagacaaa	840
tgtagatggt	aatagcagtt	attgcttgca	tctgttatct	tagtttatta	catagttatg	900
atatattatt	tgggcatttt	tctgtgttat	cacaaggact	tgataagcat	tgtttgactt	960
tgttcctttc	cttggttggt	tgagctggta	tacggagatg	tctaagcacg	aagcatgctc	1020
ctccctggga	gtcacccctc	tcccacagg	gagccttgcc	tgtgatcctt	tgcattttta	1080
caggtgggag	gtggatgtcc	tgagtttctc	gtggcccagg	agggctgacg		1130

<210> 6889

<211> 1396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1318)...(1348)

<223> similar to gi5354051 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6889

caaaaatatt	acgttgcaag	cccgcgtaaa	ctttgggccc	ccgaagggtt	ctttaaaacg	60
ggcgcccctt	tttttttttt	ttgtattcta	atgctattta	ttatcacaat	aaataattca	120
ctgcaaatga	ctgcatgaaa	aatgtgggtt	ccagagcacc	atgtataaaa	tgatcccatt	180
tatgtagaac	tgtaaacata	catccacaca	ctgacggaca	ggtacatatg	catgtttggg	240
gaggggtctg	gaatgatcac	ccaagtggac	aggggtgagg	gtgggtttcct	gtatttttta	300
caataagcat	ttatgacttt	tacaaaatca	ccaaagctat	cactttttcc	atttagaaaa	360
cacaaaatta	tttttaata	gagacttgac	gtcatttgac	acaccttggt	tttctctcgg	420
agagcacaga	tgccgcagac	aagaggagcg	gacccgcctc	ccagactcct	gcctgccccg	480
tccctcccc	gcaggtggca	ctggtgagcc	gggaaggggc	tgccagcccc	aggatgcctc	540
gcacagcccc	ggctggaaac	ccctgcccct	gcttctctgc	acagtctgtc	attctagaag	600
gctctctcca	aaccactctt	ccaaagagg	tcatgccagg	gaacagcagc	gaggtcattt	660
tccagtcatc	ccacaggaag	ccagtgaacc	ccactcccac	tgccgtggac	ctccaggcct	720
ggcttccctt	tcttccctgg	gttacctgct	caggggtttc	tcagccaggc	cagcatgtct	780
atcaggcggc	atccagcate	caatcacagt	gacaagaacc	ttccggaaca	ccctgcaaac	840
tgtggatgcc	cacgggtggc	cccattatgc	cttgagcagg	gcaacctttt	ggtccagaat	900
ggagtcttct	ctgatgttgt	agggctgggt	ccctggctcc	tgccctcagg	gcttctctgc	960
ttcttccagg	gtagagaagt	actggaaccc	cttcagggtc	gcggacagca	ggacacggag	1020
aacggggacc	tgaggcccca	caaaggccag	ggcgacgccc	tgcttctgga	agtccctggag	1080
gagctcgccg	agtcctcagc	ccacagtgtg	gtcgatgctg	cagacatggg	tgactccag	1140
gaccaggcag	cgtggcgggg	acacttccag	ggcccggtt	aggatctcct	cccgcagagc	1200
ctccatggca	gggaaggaca	ggccgctggc	cggctgcagg	accagaaccg	gcccctctga	1260
caccttggtc	tcaggcctgg	ctgcagagtg	caggagcatg	agcagagaca	ccagggcccc	1320
ggccaggatg	ccgtactgca	cctcccagaa	gcacagcagg	aaggtcacgc	acaggggcag	1380
caggtccagc	ctctcc					1396

<210> 6890

<211> 2659
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (219)...(320)
 <223> similar to gi4589612 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6890

tttcgtgccg	gtcagccgca	gacactcacc	cagctccgcg	agctcagccg	ctcagcgagt	60
ggggtagcgg	ggaccgagac	ggacggtagc	cgtgccagag	cccggggcgc	tctcggatgc	120
ggcaggacaa	gctgaccggg	tctctgaggg	gcggggggag	atgcctgaag	cggcagggcg	180
gcggcgtagg	caccatcctg	agcaatgtgc	tcaagaagcg	cagctgcatt	tcccggaccg	240
cgccccggct	gctgtgcacc	ctggagccgg	gagttgatac	caagttgaaa	ttcactcttg	300
agccatcttt	aggtcaaaat	ggttttcagc	agtggtagca	tgctctcaag	gcagttgcca	360
ggctatccac	aggaatacca	aaggaatgga	ggagaaaggt	ttggttgacc	ttggcagatc	420
attatttgca	cagtatagcc	attgactggg	acaaaacccat	gcgcttcaact	ttcaatgaaa	480
ggagtaatcc	tgatgatgac	tccatgggaa	ttcagatagt	caaggacctt	caccgcacag	540
gctgtagttc	ttactgtggc	caggaggctg	agcaggacag	ggttgtgttg	aagcgggtgc	600
tgctggccta	tgcccgatgg	aacaaaactg	ttgggtactg	ccaaggcctt	aacatcctgg	660
ctgcaactaa	tctggaagtg	atggaaggca	atgaagggga	tgccctgaaa	attatgattt	720
accttattga	taaggtactt	cccgaagct	atttcgtcaa	taatctccgg	gcattgtctg	780
tgatatggc	tgtcttcaga	gaccttttaa	gaatgaagct	gccggaatta	tctcagcacc	840
tggatactct	tcagagaact	gcaaacaaaag	aaagtggagg	tgatatgag	ccccactta	900
caaatgtctt	cacgatgcag	tggtttctga	ctctctttgc	cacatgcctc	cctaatacga	960
ccgttttaaa	gatctgggat	tcagtcttct	ttgaaggttc	agaaatcatc	ctaagggtgt	1020
cgctggctat	ctgggcaaaa	ttaggagagc	agatagaatg	ttgtgaaaca	gcagatgaat	1080
tctacagcac	catggggcgc	cttaccacag	agatgctaga	gaatgatctt	ctgcaaagcc	1140
atgaactcat	gcagactgtt	tattccatgg	ctccgttccc	tttcccacaa	ttggcagagt	1200
tgagggaaaa	atacacctac	aacattacac	cgttcccagc	cacagttaaa	cccacctcag	1260
tttctggacg	acatagtaag	gccagagaca	gtgatgaaga	gaatgaccca	gacgatgagg	1320
atgctgtcgt	taatgcagtg	gggtgtcttg	gaccttttag	tggtttcctg	gctcctgaac	1380
tgcagaagta	ccaaaaacaa	attaaagagc	caaatgagga	gcagagtctg	agatctaata	1440
acattgcaga	gctgagtcca	ggagcaatca	attcctgtcg	aagtgaatac	catgcagctt	1500
ttaacagtat	gatgatggaa	cgcatgacca	cagatatcaa	tgactgaag	cggcagtact	1560
ctcgaattaa	aaagaagcaa	cagcagcagg	ttcatcaggt	gtacatcagg	gcagacaaaag	1620
ggccagtgc	cagcattctc	ccgtctcagg	ttaacagttc	tccagttata	aaccaccttc	1680
ttttaggaaa	gaagatgaaa	atgactaaca	gagctgccaa	gaatgctgtc	atccacatcc	1740
ctggtcacac	aggagggaaa	atatctcctg	tcccctacga	agaccttaag	acgaagctca	1800
actccccgtg	gcgaactcac	atccgagtc	acaaaaagaa	catgccaagg	accaagagtc	1860
atccgggctg	tgaggacacc	gtagggtgta	tagatgagca	gaacgaggcc	agcaagacca	1920
atgggctggg	ggcagcagag	gcattcccct	ctggttgtac	agcgacagct	gggagagaag	1980
gcagcagccc	tgaaggcagt	accaggagga	cgatcgaggg	gcagtctccg	gagccgggtgt	2040
tcggagatgc	tgatgtggat	gtgtctgcag	ttcaggcgaa	gttgggagcc	ctggaactga	2100
accagaggga	tgctgcagct	gaaactgagc	tcagggtgca	cccaccctgc	cagcggcact	2160
gcccagagcc	gccgagtgc	cccgaagaaa	acaaagccac	cagcaaagct	ccccaggca	2220
gcaactcaaa	aacccccatc	tttagccctt	ttcccagcgt	caagcccctg	cggaatctg	2280
ctactgccag	gaacttgga	ttatatggcc	ctacagaaag	aacccccact	gtgcactttc	2340
ctcaaagtag	taggagcttc	agcaaaccgg	gcggtggaaa	cagtggcccc	taaaaaacgg	2400
atgatgtctc	ccccgaaact	ttggatctgg	actccccctt	tcccagtagt	ataagggttg	2460
cagctgaatg	gctctaaaag	agttttattt	gtccagtga	aatgaatagg	ttcagggatg	2520
agccacagcc	cataaaaaat	gggaactgga	agttttataa	taggagttag	aacagggtcg	2580

<220>
 <221> misc_feature
 <222> (823)...(999)
 <223> similar to gi5816699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6892

ttttgcctta	ttattccacc	cctttacttt	gcctttgtgg	acacaactcc	cgtgcaggcc	60
gcgctccacg	gggctcccgg	cggcccagg	gagaagcttc	gacaacagga	cagtttttag	120
tcacgtggcc	tgaccgtttg	ccattttaagg	attacagcaa	atgattctat	ttgtaatttc	180
tacctttccc	attgcctccc	ccccaaaaaa	aactgtacat	gagtttacia	acataattaac	240
atataaataa	tgagaaccgt	cctgggtggga	gcctcctccg	ttgtctctgc	tggagatgaa	300
cactgagggg	cgtctgaacc	acacagactg	cctgtgacat	cgggagtctc	acggcagctg	360
tcttgggccc	gcagctggct	tttttggcac	ctccagggtc	aaccaccagt	ctgtctctgc	420
tgtgcccagg	gtagagcccg	ggggctgtga	gtatgtgtgg	ctcccctgcc	cgtcatcgct	480
ctggctcaag	ctcatgctgg	aagggacgct	tctctctccg	acagtgcctc	ttgtgggcag	540
gccagtcctt	ctgctggcac	tgggagccgc	agtaccgggc	cacctggcag	cgccacagaa	600
tgttgaactc	cgggagctgc	ttctcaatca	ctgtgcaggg	agggtagtgg	cactcatagt	660
aggtgcaaga	gttctcctcc	tcttccacta	catccccgtt	ggcattataa	taccgggtca	720
catttaggac	aggaaactgt	tcttctatag	ggtctgtagg	cagctgctga	attgcaagcc	780
aatacaagct	ttgctccctc	tgcttgctgg	aggtctcttc	agccttgggg	cgccagcccc	840
acggcaccag	ttgcagggtt	tccaggcgat	tgtccacggg	cacagcggtg	aggtgcacca	900
cctggaagcc	cggggccacg	cccccccgtt	gccgtccctc	agaaacagac	agcaaaccct	960
gcattctaacc	cggcatcgct	gcctcccacc	ctcacagaca	tttctggtca	ggtaccaaag	1020
tccttccagg	aagaaatgtc	agccatgtga	tctgatcggg	cccctggtcc	tttggtatgag	1080
ggtacctcag	gcggaagggt	ctgagagaaa	cccaagcacc	tgatctgtgg	cccaatcagg	1140
acagggacac	agggaggacc	cggcccctgg	tcttcagagc	acagacagcc	aaagctggaa	1200
cgcaaaaacca	cctaagcaga	tggcctcgag	acagctcccc	atctgagtgg	tccctaccat	1260
gcgcaccggg	gggctcggca	aaacccagca	aggggagcaa	cctccgtccc	tccagaggct	1320
gccagtcctg	ggcaagctcc	cagcagaaaag	tccacttggt	gtttgaagtg	caacatacaa	1380
atcattcggt	cctttggggt	agtgggtgaag	gacacaaaaa	taactgagag	attcaggga	1440
ggcaaggcag	ggcttcagcg	gggcagaagg	ctccagacgc	cctgtgccat	cggagctcac	1500
ccaggagccc	agcgnacgcg	tgggtcgnc	cggntntttc	ggtagactat	cgggcgtcag	1560
acacc						1565

<210> 6893
 <211> 1759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (313)...(75)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6893
tttttttttt ttgaaaaggg agtttctactc ttgttggccc aggctgggag ttgcaaaacc      60
agaatctcgg ctcactgcaa cctccgcctc ctgggttcaa gagattctcc tgcctcagcc      120
tccccagtag ctgggattac aggctcatgc caccatgccc agctaatttt tgtattatta      180
ttattgtttt ttagtagaga cgggggtttca ccatgttggc caggctagtc acgaactcct      240
aacctcaggt gatccacca cctctgcctc ccaaagtgtc gggattacag gcatgagcta      300
ccacacctgg tttggagagt cttaattaag gaaatttccc taatgttcat ttattttcta      360
aatccagacc gtgtttcaga ataatcctta cttgagagta gccattttct tgcctgtact      420
tgtcagaact agaggaaata gccaaagacta atgaaaaaga ttactctaac ccttaaaaga      480
cttttaaatt cactactaga gtggtcattt taaaaataca tccatgtttt aacttatttg      540
agccttcttt atgagtaaat gattcctcct tgttctgtct ttcaaaccag ctaaataattt      600
gtcacaaaag tgcttttttc tctctacgtt ctattttcat atatcagggt ttaaatagtt      660
ttaatttttt aataaaattt tctctacgtt ctatatgcaa ttgttatata tctatttgaa      720
tagctgaagg actaaaatac ttttttaaga gataacttca ggaaaccatt atattttact      780
atctgcatgc tgttaactgt ggtacactgt gaaatatgtt gattacaaac ccattcatta      840
catagtataa ggaattcaca gtatattgac tatatagtgt ctaatgatct tgggcagata      900
ctgtcaaact tacaatatct atatagatgt aggtcttttt aaatttacct agtcattctt      960
ctatcatgta tattgatgct gaaagaggaa ctggtcagct cctctggaca acaaattctt     1020
agtctataat attaggagac atcttctgtt ttgcaaagt ctgtgaatct gagcaacctg     1080
gcattctgct tactggccag aaagctggcg ggtgacattt gtaacatttc ctctttgaga     1140
ctctgagttc acctagagaa gtctaagcat aacagctttc tttcccagca cgagccttta     1200
tagctctctt tagctcaacc actctgtcca tccagccaat ggatgtccct tcccctgtac     1260
cccaatttca agcttatttt aggaagcctt gaactaccat gtatcctggc tccatagctga     1320
gtttattaga ggtatggagc agtgcaactt aaactcaagt tgcacttaca ttttgaattt     1380
taaaatgatg gttttatctg ttgtgtgaag tggttcaccc ttgaggacca ggagcctcca     1440
tatcctgact gaaaaccttt tctgagactt agagtaacag tacttttggg tccttgagtt     1500
ctcctgtctc cagataccaa atgaccttga cttttctgcc ttgtgaattc gtagtccaat     1560
cagctgaaat taaatcactt gggagggacg catagaagga gctctaggaa cacagtgccaa     1620
gtgcagaagt ttctccaggt ggccctccct tccaacaatg tacataataa agtgtatgca     1680
ctttcactaa tatttttggt gtgagagtct gtttcggcct gtattgaatg tctgtggatt     1740
tccgttttca gaagtagta

```

```

<210> 6894
<211> 1499
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(1207)
<223> similar to gi203106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6894
acacaagctc tggcgggaccg tggccatggc gggcgctgag tggaagtcgc tggaggaatg      60
cttggagaag cacctgccgc tccccgactt gcagggaagtg aagcgcgttc tctatggcaa     120
ggaactcagg aagcttgatc tgcccaggga agctttcgaa gctgcctcca gagaagactt     180
tgaactgcag ggatatgcct ttgaagcagc ggaggagcag ctgagacgac cccgcattgt     240
gcacgtgggg ctggttcaga acagaatccc cctccccgca aatgcccctg tggcagaaca     300
ggtctctgcc cttcatagac gcataaaggc tatcgtagag gtggctgcaa tgtgtggagt     360

```

caacatcatc	tgtttccagg	aagcatggac	tatgcccttt	gccttctgta	cgagagagaa	420
gcttccttgg	acagaatttg	ctgagtcagc	agaggatggg	cccaccacca	gattctgtca	480
gaagctggcg	aagaaccatg	acatgggtgg	ggtgtctccc	atcctggaac	gagacagcga	540
gcatggggat	gttttgtgga	atacagccgt	ggtgatctcc	aattccggag	cagtcctggg	600
aaagaccagg	aaaaaccaca	tccccagagt	gggtgatttc	aacgagtcaa	cttactacat	660
ggagggaaac	ctgggccacc	ccgtgttcca	gacgcagttc	ggaaggatcg	cgggtgaacat	720
ttgctacggg	cggcaccacc	ccctcaactg	gcttatgtac	agcatcaacg	gggctgagat	780
catcttcaac	ccctcggcca	cgataggagc	actcagcgag	tccctgtggc	ccatcgaggc	840
cagaaacgca	gccattgcca	atcactgctt	cacctgcgcc	atcaatcgag	tgggcaccga	900
gcacttcccg	aacgagttta	cctcgggaga	tggaaagaaa	gctcaccagg	actttggcta	960
cttttatggc	tcgagctatg	tggcagcccc	tgacagcagc	cggactcctg	ggctgtcccg	1020
tagccgggat	ggactgctag	ttgctaagct	cgacctaaac	ctctgccagc	aggtgaatga	1080
tgtctggaac	ttcaagatga	cgggcaggta	tgagatgtac	gcacgggagc	tcgccgaagc	1140
tgtcaagtcc	aactacagcc	ccaccatcgt	gaaagagtag	ccggcttcag	tgctgcctt	1200
ggggtgagga	agacacctct	gccccagtg	attagcaagt	gtggcaggct	taacatgtcc	1260
aggttctccc	caataacatt	gtccagggtg	ttttaaaatt	cccaggcagg	gggagagtgg	1320
catggggagt	gacttcttaa	tgggtaagg	gctgcttact	tctggggtat	tggaaatggt	1380
tggggactag	gtagaggtga	atgtactaaa	tgccactgaa	tttgtatact	tcagaatggt	1440
tgttatgtaa	attttacctc	aactaaaaaa	aaaaaatgcc	caggtaaaaa	aaaaaaaaa	1499

<210> 6895

<211> 2261

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (440)...(2107)

<223> similar to gi5689435 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6895

tttcgacgag	ttttctgcgc	ttccttctcc	ctctctccag	acgtcgtgg	cgttcgggtcc	60
tatgtcgcgc	cgggcccctcc	ggaggctgag	gggggaacag	cgcggccagg	agcccctcgg	120
gcccggcgcc	ttgcatttctg	atctccgtga	tgacgatgac	gcggaagaag	aagggcccaa	180
gcgggagctt	ggtgtccggc	gtcccggggg	cgcagggaag	gagggcgctcc	gagtcaacaa	240
ccgcttcgag	ctgataaaca	ttgacgatct	tgaggatgac	cctgtggtga	acgggggagag	300
gtctggctgt	gcgctcacag	acgtctgtgg	accagggaac	aaaggaagg	gtcagcgtgg	360
aaacacagag	agcaagacgg	atggagatga	caccgagaca	gtgccctcag	agcagtctca	420
tgcaagtggc	aaactccgga	agaagaaaaa	aaaacagaaa	aacaagaaaa	gcagcacggg	480
agaagcatcg	gaaaacggac	tagaagatat	cgatcgcatc	ctagagagga	ttgaggacag	540
cactgggttg	aaccgtccc	gcccagctcc	cctgagctcc	aggaagcacg	ttctctacgt	600
ggagcacaga	cacttgaatc	cagacacaga	actgaaaagg	tattttgggtg	cccgggcaat	660
cctgggggag	caaaggccac	ggcagagaca	acgtgtgtac	cccaagtgca	catggctgac	720
cacccctaaa	agcacctggc	cccgtctacg	caaaccaggt	ctgtccatgc	ggctgctgga	780
atcaaaaaaa	ggcctctcct	tctttgcgtt	tgagcacagt	gaggagtacc	agcaggctca	840
gcacaagttc	ctggtggccg	tggagtctat	ggagccgaac	aacatcgagg	ttctgctcca	900
gacgagccct	taccacgttg	actcactcct	gcagctcagc	gatgcctgcc	gctttcaaga	960
ggatcaggag	atggctcgag	acctcgtaga	gagagcgctg	tacagcatgg	aatgtgcgtt	1020
ccaccccctg	ttcagtctca	ccagtggggc	ctgccggctg	gattaccgca	gacccgagaa	1080

```

caggagcttc tacctggccc tctacaagca gatgagcttc ctggagaagc gaggctgccc 1140
gcgcacggcg ctggagtact gcaagctcat cctgagtctc gagccggatg aggacccccct 1200
ctgcatgctg ctgctcatcg accacctggc cttgcggggc cggaactacg agtacctgat 1260
ccgcctcttc caggagtggg aggtgggtgc gagcctggct catcggaacc tgtcccagct 1320
ccctaatttt gccttctctg ttccactggc gtatttctctg ctgagccagc agacagacct 1380
ccctgagtgt gagcagagct ctgccaggca gaaggcctct ctcttgatac agcaggcgct 1440
caccatgttc cctggagtcc tcttggccct gctcgagtct tgcagtgtgc ggcccgacgc 1500
cagcgtttcc agtcaccgct tctttggacc caatgctgaa ataagccagc cccctgccct 1560
gagccagctg gtgaacctgt accttgggag gtcacacttt ctctggaaag agcccgccac 1620
catgagctgg ctggaggaga acgtccacga ggttctgcaa gcagtggacg ccggggaccc 1680
agccgtggaa gcctgtgaga accggcggaa ggtgctctac cagcgtgcac ccaggaatat 1740
ccaccgcat gtgatcctct ctgagatcaa ggaagccgtc gctgccctgc ccccgacgt 1800
gaccacgcag tctgtgatgg ggtttgatcc tctgcctcct tcggacacaa tctactccta 1860
cgtcaggcca gagaggctaa gtcctatcag ccatggaaac accattgctc tcttcttccg 1920
gtcactgttg ccaaactata ccatggaggg ggagaggccc gaggaaggag tggctggggg 1980
tctgaaccgc aaccagggcc tgaacaggct gatgctggct gtgcgcgaca tgatggccaa 2040
cttccacctc aacgacctgg aggcgcgcga cgaggacgac gcttaggggg agggggagtg 2100
ggactgagcg tccgcagagg tgaccgaaaa gccgtatgat gatgttcccg atttctctgt 2160
tggtcggagt cggccagttg cctgaagtag ggaagctgag tgtgtcgctc cctggtccac 2220
tgtttctcct ataaatgtaa atgggtcacg caaaaaaaaa a 2261

```

```

<210> 6896
<211> 945
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (912)...(678)
<223> similar to gi560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6896
tttttttttt ttcaatttcg ttaaataaaa ttgtattttg cccacggcgg cttctgtttg 60
atccctgggg acagagggga gcaagggagg ggagtggcag ggggaggccc aggtgtgggg 120
ctggaggggg tactggcggc agcgggaagg cagtaggctt ggtcagggta gtagtgcgct 180
gcgcctcagg aggcaaagggt gccccagcct gggcaggccc tgggaccagc ccaagctgag 240
cagcgccgcc cctgggctgg ctctcagagc ctgggctaac gtggagcccg ccacgtcgct 300
tggcactcag aggccccctgc ttcttgttgg ctacagtagg ccacgtcaa cacgtagcct 360
gtgccacacc cttcgaggcc cgggtaggag ggcagagggg ctggtctggg ctcttgggtg 420
acccctgctg gtgctgcctg cctcctcctc cccacgtgg gactcaagcc aagggtcaga 480
ggcgcttccg ctgctgggag caagggagga gagtaggggt ggagcagcct cccctctgcg 540
tgggaacccg gcctgtgtaa gcagtagcgg gacagggtgg ccggagtgat gccttggggc 600
ctgcggggag gagtggaaga agtggtatgg ctggctggct gtggcttgca tggcactggc 660
agccagcct ggcctagaag tctggccggt cttcttctcag cttcttatag tcagtggaaa 720
ctgcaaggaa cttgtattgg tcattggggc tcaggcgggt ccagggctcc gggttgttct 780
ttctgtccca gctttaccag acgtcggggc tgcaaggggc gagtcgcagc aagtaaagcg 840
cagcgtgcc catgcccagg cagattaagc cgatcatcgg gatgatcccc ggatgtcttt 900
tgatctgccg gtagaagcgg cccaagatc tgccctgtgc cgaat 945

```


<223> similar to gi895849 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6900

atthttgaatg	gatgaatggt	gcatcttagt	gcagtggaa	acatctagat	tcttgagtaa	60
aaaggcatga	gttactcagg	gtcgtggtt	gtgttcaa	cggcactgag	ccctagatcc	120
cacttactca	cttggcagac	gtactgtgt	tgccttggt	tgggcaccgg	gttaggagct	180
gggctggata	caggtgctgc	tagttggctc	taggcagcag	gttttgattg	gcagtactgg	240
agtctgtctt	ggaacgggct	gtccaggtc	tgtgttcgag	ggcttctggc	tccatgtcag	300
tgttgtgaaa	ctctccaggg	gtggcctgga	ggccaagcag	atgtggcagt	tctgcagcag	360
aagcatctgc	cacaaaagcg	gaagatgact	cctttcttca	gtgggtcctg	ctcctcatcc	420
ctgtgactgc	ctttggcttg	gggacatggc	aggtccagcg	tcggaagtgg	aagctgaacc	480
tgattgcaga	gttggagtcc	agagttctgg	ctgagcctgt	ccctctgcca	gccgacccaa	540
tggaactgaa	aaatctggag	tataggccag	tgaaggtcag	ggggtgcttt	gaccattcca	600
aggagctgta	tatgatgccc	cggaccatgg	tggaccctgt	ccgggaggcc	cgggagggcg	660
gcctcatctc	ctcctcaact	cagagtgggg	cctatgtggt	cactcccttc	cactgcaccg	720
acctgggagt	caccatcctg	gtaaatagag	ggtttggtcc	caggaagaaa	gtgaatcctg	780
aaaccggca	gaaaggccag	attgagggag	aagtggacct	cattgggatg	gtgaggctga	840
cagaaaccag	gcagcctttt	gtccctgaga	acaatccaga	aaggaaccac	tggcattatc	900
gagacctgga	agctatggcc	agaatcacag	gcgcagagcc	catcttcatt	gatgccaact	960
tccagagcac	agtccctgga	ggacccattg	gagggcaa	cagagttact	ctgaggaacg	1020
agcatctgca	gtacatcggt	acctgggtat	gactctctgc	agctacatcc	tacctgtggt	1080
ttaagaaatt	cctacgtggg	acacctgggt	tgtgacagat	cagctgctga	agccctgtcc	1140
ctggataatg	cagtatttca	agactgcctt	tatgctggat	catgtgctac	tgggtataaag	1200
ttctggcctt	ctaccttaaa	aaaaaaa				1227

<210> 6901

<211> 2044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1361)...(1395)

<223> similar to gi5419859 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6901

ctgctattcc	attctcccat	ctactaccta	tctgtttctc	aggccatcca	ctcatccatt	60
cttctgtccc	aggtagctag	acacttgtct	tcccatccgt	ttgttagttg	atccactcct	120
cattcagccc	tcccatgggc	ctggcatgta	gccgagcacc	ctggagaggg	cagactaaga	180
agacatggtc	cgtccctgcc	tgtgaggagt	tcaggctctc	gaggaggagg	aagcagtga	240
actgggcttt	acacatggcc	tgagaacagc	ttaggcctga	acataaggaa	cagcttggag	300
tggaggggac	acagaggaac	cctcactatc	atgcatgcca	acccaaccac	tgctgcctct	360
ttcccttctg	gatttagctc	gtgtctccag	gtccttagtc	ctgtaatcca	gggacccatc	420
agcgagggat	tcagggaagc	agaggcagct	ctccaggaag	gaggaaaatc	cctgcctctt	480
ccagagagac	tccccattg	ctgtctcttg	tgtgtgtcat	gcacaaggaa	ggcttggttg	540

tgtgccagga	taagggggcac	aagggcctcg	ggtgtggcca	gagaccccat	gcttaagctt	600
ttatggtata	ggtcaggctg	caggggtttg	agggcctcag	ttgtatatca	gaatcttcag	660
agcactgcga	tgttcagggg	tgagtcaggt	ctgtagatgt	gcacgggggtc	ttctgaaggg	720
tcagtttctg	taatcacttt	caggtgtgtc	agggccttgt	gcagtaacag	tgacacacaga	780
agttagtggt	tctgtgggct	aaggggttga	gctctgtatc	aggattcttg	gagtgggtct	840
ggatttctgg	tgtgtggact	taagaagctg	tgtcagactt	gggggagggg	cgttcatgta	900
taactgggtt	cacataggcc	aagactccca	ggtgcatttt	aggcagagcc	tcaggtgtgt	960
tagaggtccc	aggggcagag	aggctatagg	tgctgtcaga	ggccttgggg	acatttaggg	1020
cagagcctcg	agtgcagagt	cctgggacag	tgggagccaa	gggcaagtgc	tagagttgca	1080
gtgaatttag	agcaaagcct	cagctaagtg	acacatccca	gggcagtagg	ggatctatct	1140
aggttcgtgc	tgggcctcag	gtaagtgaca	ggccttagga	caatgggggc	tgtggcatgc	1200
gtcagggttac	ctgccttgat	atgggatcgt	gacaggcccc	tccctatgtg	caggagacaa	1260
gcagcccaag	aaacaggaga	aaaaccaggt	gttgggtgtc	ccagagtttg	tggatgaagc	1320
tctgtgtgct	tgcgaggagt	accttagcaa	cttggccctc	atggacatcg	acaaggacct	1380
ggaggccccg	ctgtacctca	ccccgaggg	ctggtccctc	ttcctccagc	gctactacca	1440
agtgtccac	gaaggggag	aactcaggca	cctcgacact	caggtccagc	gctgtgagga	1500
catcctgcag	cagctgcagg	ccgtggtacc	ccagatagac	atggaagggg	atcgcaacat	1560
ctggatcgtg	aagccaggag	ccaagtcccc	cggacgaggc	atcatgtgca	tggaccacct	1620
ggaggagatg	ctgaagctgg	tgaacggcaa	ccccgtggtg	atgaaggacg	gcaagtgggt	1680
ggtgcagaag	tatattgagc	ggccccctct	catctttggc	accaagtttg	acctcagaca	1740
gtggttcctg	gtaactgact	ggaaccact	taccgtgtgg	ttctaccgcg	acagctatat	1800
ccgcttttcc	acgcagccct	tctccctgaa	gaacctggac	aagtgagccc	ctctgctcgc	1860
ctcccacgag	ctccctgcct	agttggggag	ctggcaagca	aacaggcgat	tacagtgcag	1920
gggactcgcg	cagcagcgct	aggctccaca	cacagactgc	aggcaggcag	gccctcatcc	1980
tgccagctgt	ccttgcatcc	aacagatttt	tttttaacag	acagggggcg	gtctcactct	2040
gttc						2044

<210> 6902

<211> 2660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(2362)

<223> similar to gi3005085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6902

aattcccggg	tcgacggcgg	cgccggccat	ggaggagacg	cagccgcgcg	cgcagcctaa	60
gctgcccctg	tcgacagacc	tcatgatctg	gctgcagaca	ttcaataactg	cctcaccttg	120
tcaagatgtc	aaacagctga	ctagtggagt	tgccatggca	caagttcttc	atcaaatgtg	180
agtagtggtc	agactctccc	tgaaaagcat	tgtaaaccca	atacatacca	aggaagaaaa	240
cttggaactg	aattccaaag	gttggtgcaa	ctttatctta	cccagtgaca	tattcaggaa	300
tatggcacca	aggcattctt	gcagtgatgc	agcttggttt	aacgaatctt	ggttaagccg	360
aattaaagag	gatgttgggg	acaactggag	aataaaggcc	agtaatgtaa	agaaggctct	420
tcaaggaatt	atgagttatt	atcatgagtt	tttggggcag	cagatttcag	aagcacttat	480
ccctgattta	aaccaaataa	ccgaatgttc	agatccagtg	gagcttggga	ggttgctcca	540
gcttatttta	ggttggtgca	tcaactgtga	aaagaagcaa	gaacatattc	aaaatataat	600
gacactggaa	gagtcgtgtc	aacatgtggt	catgactgct	attcaagagt	tgatgagtaa	660

agaaatattg	agctctcctc	caaattgatgc	tgttggagaa	ttggagcaac	agcttaaaaag	720
agccttggaa	gaacttcagg	aagcactagc	agaaaaagaa	gagctgaggc	aaagatgtga	780
agaattggat	atgcaggtga	ctacacttca	agatgaaaag	aattcactgg	tttctgaaaa	840
tgagatgatg	aatgaaaaac	ttgaccagtt	ggatggctct	tttgatgatc	caaacacagt	900
ggttgcaaaa	aagtattttc	atgcacaatt	acaactagaa	caattacagg	aagaaaactt	960
caggcttgaa	gctgcaaaaag	atgattaccg	tgttcaactgt	gaagaacttg	aaaagcagct	1020
aatcgaattc	cagcatagga	atgatgaatt	gactagtctt	gcagaagaaa	caagagccct	1080
gaaagatgaa	atagatgttc	ttagggctac	ctctgataaa	gcaaataaac	tggagtcaac	1140
agttgagata	tatcgtcaga	agctacaaga	tctgaatgac	cttcgcaagc	aggtgaaaaac	1200
tttacaggaa	accaacatga	tgtatatgca	taatacagtc	agcttagaag	aagaattaaa	1260
aaaagcaaat	gcagcacgta	cacaattaga	aacatacaaa	aggcaggttc	aagatcttca	1320
tgttaaactt	tcctccgaat	ccaagagggc	agacacacta	gcgtttgaaa	tgaagcggct	1380
tgaagaaaaa	catgaagctt	tacttaagga	aaaagagaga	ctaattgagc	agcgtgatac	1440
tttgaaaagaa	acaaatgaag	agcttcgatg	ttcacaagta	caacaggacc	acctaaccac	1500
aacagatgca	tctgctacaa	aaagttatga	gaatcttgct	gctgagatta	tgccagtgga	1560
atatagggag	gtgtttattc	gactgcaaca	tgaaaataag	atgcttcgct	tacagcaaga	1620
aggctctgag	aatgaacgta	ttgaggaact	tcaggagcag	ctagaacaga	aacaccgtaa	1680
aatgaatgaa	ctggaaactg	agcagaggct	gagcaaagag	cgtattagag	aattgcagca	1740
gcagattgag	gacctccaga	aatctttaca	ggaacaaggt	tccaagtctg	aaggcgaaag	1800
ttccagcaaa	ttaaagcaga	agttggaagc	tcatatggaa	aaactcacag	aggtccatga	1860
agaattacag	aagaaacaag	aactcattga	agatcttcag	ccagatataa	atcaaaatgt	1920
acaaaagatc	aatgaacttg	aagctgctct	tcagaagaaa	gatgaagata	tgaaagcaat	1980
ggaggaaaaga	tataaaatgt	acttgagaga	agccagaaat	gtaataaaaa	ctttggatcc	2040
caagttaaat	ccagcatcag	ctgaaataat	gctactaaga	aagcagttgg	cagagaaaga	2100
gagaagaatt	gagattctgg	agagtgaatg	caaagtagca	aaattccgtg	attatgaaga	2160
aaaactcatt	gtttctgcgt	ggtataataa	gagtctagca	ttccagaaac	tggggatgga	2220
atctagactt	gtgagcggcg	gtggtgcctg	cagtgcact	ggtgcgtgca	ctcctgcgcg	2280
gtctttctta	gcgcagcaac	ggcacatcac	caacaccaga	agaaatctct	ctgttaaagt	2340
ccctgtctca	acatctgatt	aaactgcaaa	aaaaacaaaa	caaaacaaaa	aaaccacata	2400
aaatagaagt	gtccttaaaa	tattttgtac	ctttcaacta	actaccagat	tgaaaaagag	2460
tttatgatgc	gggatatcag	gtatttttaa	atcaaatgac	atcaaatgaa	ttttgccagt	2520
tgactttaaa	agaaatttat	agaattagcc	atctctctga	gggagcacat	ttgaataatt	2580
ggagatgcag	ttatacacac	atttcaaaca	aacatttgct	ttttgagagt	attataattt	2640
caaattggcc	ttgtatat					2660

<210> 6903

<211> 1880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (307)...(579)

<223> similar to gi2440090 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6903

agcctccact	ccctgtctga	aaccagaaga	ctggatcaag	gggttccac	tggctcctcc	60
agcaagacct	cgtctttgct	tgtcctgctc	agatgctggt	catcctgggc	atgtccccag	120
tgtggactct	ggactgggaa	gggggcaggc	ccctttggac	ctgcagttgg	cctcagcaga	180

aggccttgcc	ttgtgtatgt	gactccatat	cccgggagca	gttgaccttt	gccaaacact	240
ttacagttct	ggaggaggag	gtaacataga	tgccctgggcc	tgatggtggg	gccataccca	300
tgtgtcgct	ctcactctgg	cagcctcaga	ggcccttgcc	tgctggtctc	catctccctc	360
ccatttgcag	accaggaagg	aagagcaagc	tgtacaaagg	gaagcagagc	ctgggggtggg	420
tgtgagcagg	gtgacccctc	atctgaaagg	cccaaaccag	ggggaagcac	cagcctcagt	480
gcagccccct	cctgacccca	cctagaatgg	aagcctccac	ctgcagcccc	aggcctccct	540
ccccgggggt	ctccacctca	ggggagactt	aagccagagg	tgaacattca	tgtgtaggaa	600
gaggccgctg	caggggtggc	tcttagggta	ggggaagtgt	gctgaggtgg	gccttccatg	660
ggcatggccg	ttgcctctct	gccagccgct	ggtgccacc	agctggctct	gcagcacatt	720
gcctgaggg	gcttgccact	ctcctgagga	gcagcccacc	tgctgcccg	gaggaggggg	780
agaagggtta	gacaagctag	gaggacaaaa	cagcgggagt	gtgggggtgc	catggtgttg	840
gaggggcagg	ctctttctg	ccaatcccac	cataatgtga	atatgccagt	gactgtgcgc	900
ctgtgctggt	ctctaggcct	gaactagggt	ctggcatgtc	tgggtcgtct	tttgaaaagc	960
tcacttcaag	ctcacccctg	tcctacctat	cataagggct	tattcttgtg	cactttatct	1020
tgggaccaa	actgcctacc	caccccttcc	cgccctcccc	ctgccagagg	cctggtgcc	1080
tggccagcc	tgtggcctca	gcattctcata	actcatttgc	tttgtctccc	ggatgatttc	1140
cgctcatgct	ccaaatgcag	cttcagggtga	gccaaggggt	ctgctcctgt	ggcgggtgcag	1200
tggcaaagga	tccagatagc	ctaggggtgag	ggtgacagag	ggacagtggg	ctatgccact	1260
aggccctggt	ctggccttgg	aaagacctgt	gaggggaaac	cttcaccag	cacctatgcc	1320
ccactctgct	gaggccagag	gaagggaggc	ctgaggggca	gattggttca	tgcttgggtg	1380
ggaggctaag	cctggacaca	gtcagggcgg	ggctggccag	ctgtgcgaga	acacaagcca	1440
cgctgcgat	ggtgctgcac	ccctggtgtc	cctgcctggc	cctcctctgg	tcacttcaaa	1500
catgccctca	ggcttgggga	tgcccttctt	ccattcccag	acagcagtgt	gaggggtgcag	1560
ggaccaagat	gtcaagctgg	ccgtggagtc	gagctggccg	acggacccct	ttcacctggt	1620
tatgagccga	cttcctttggt	gttctggcct	ctggcctggg	aaaagggcag	gagcctagag	1680
gaggaaaaag	gctggtggag	agaccaggg	tggtcttcaa	gcctggccca	gtgagagtga	1740
ggccccgcga	cgcaagcctc	agccactccc	aggggccttt	gcagcgtctt	tttaacctca	1800
gaaaatttct	caatctatgt	gatttgtgta	atactaata	gctttgggca	ataaatacgg	1860
gatttaaagc	aaaaaaaaaa					1880

```
<210> 6904
<211> 2317
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2318)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (111)...(1147)
<223> similar to gi3876392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6904						
tttcgtgcgg	cgagtgcggc	cccgggtcttc	ctcctcgtc	tgccgcaggg	ccagaacccc		60
tgacggtatt	cagctgcgcg	taagtctggc	cggtgccatc	tgtctccgca	atgcccccca		120
agaaacaggc	tcaggccggg	ggcagcaaaa	aggcggaqca	aaaaaaqaag	qagaagatta		180

atgaaaacct	tttccaagga	caaatacagag	aaaaagtctt	taactccacc	attagcaccc	120
aaagctaaga	ttctaattta	aactattctc	tggttctttca	tggggaagca	aattttgggta	180
ccacccaagt	attgactcac	ccatcaacaa	ccgctatgta	tttcgtacat	tactgccagc	240
caccatgaat	attgaacggt	accataaata	cttgaccacc	tgtagtacat	aaaaacccaa	300
tccacatcaa	aacccctcc	ccatgcttac	aagcaagcac	agcaattaac	cttcaactat	360
cacacatcaa	ctgcaactcc	aaagccaccc	ctcaccact	aggataccaa	caaacctacc	420
tacccttaac	agtacatagc	acataaagcc	at ttaccgta	catagcacat	tacagtcaaa	480
tcccttctcg	tcccatgga	tgacccccct	cagatagggg	tcccttgacc	accatcctcc	540
gtgaaatcaa	tatcccgcac	aagagtgtct	ctctcctcgc	tccgggcca	taacacttgg	600
gggtagctaa	agtgaactgt	atccgacatc	tggttcctac	ttcaggggcca	taaagcctaa	660
atagcccaca	cgttccccct	aaataagaca	tcacgatgga	tcacaggtct	atcaccttat	720
taaccactca	cgggagctct	ccatgcattt	ggtattttcg	tctggggggg	gtgcacgcga	780
tagcattgcy	agacgctgga	gccggagcac	cctatgtcgc	agtatctgtc	tttgattcct	840
gctcatcct	attattttatc	gcacctaact	tcaatattac	agacggacat	acttactaaa	900
gtgtgttaat	taattaatgc	ttgtaggaca	taataataac	aattgaatgt	ctgcacagcc	960
gctttccaca	cagacatcat	aacaaaaaat	ttccacaaaa	cccccccctc	cccccgcttc	1020
tggccacagc	acttaaacac	atctctgcca	aacccccaaa	acaaagaacc	ctaaccag	1080
cctaaccaga	cggacgcgtg	gg				1102

```

<210> 6906
<211> 2622
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (729)...(279)
<223> similar to gi5733822 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6906						
atatcttgta	accaccatac	gccaagcttg	gcacgagggc	ctcactgtcc	ctagtagttg	60
ggattacagg	cacatgccac	catgccacgc	taaaatttta	atatttttgt	agagatgggg	120
tcttgctgtg	ttacctgggc	tagttatgtg	agtttctata	ttagacatag	tctcaagttt	180
caggtagggg	ttaaagtaga	gacactgggc	agtatttctt	ttttgggggg	aactaggaga	240
gcaggagtag	aagttagatg	ttaagatctt	atggcactaa	agacttacta	ttctgttcct	300
acatactctg	ttaggatcag	atagatgtta	tagaaatgcc	ttttgtttct	cctgcccttc	360
ttgatgtcac	agttttttgt	acttccagct	gtctaaaggc	atgaatctcc	tcttgagca	420
ttctcccaga	cccttcttta	gaagagtcta	tactaagttc	ttggtgccct	cttcggcagc	480
caagggtgaa	ggccccatag	aggagaggat	ccaaaggagc	attgaggagg	cccaaggaga	540
aaaggatgtg	gctcaggctg	ggaggagact	cagttagcat	ggtgggggag	aaccagtacc	600
acataccag	taggttaataa	ggtgtccagc	agaggatgaa	ggtcagcaag	ataagcaggg	660
ccagtctcag	ggccccggaga	cgaacacggg	gacaattgtc	aaaggagcgg	gggagggcaa	720
attcaccagc	aggggctagg	aatttagaaa	atatactgta	attcagacac	tcagcttctg	780
atctgagtat	aggggtgaatt	gatggagggg	catagctagt	gagacagagc	tcgcctccta	840
caaggaggag	aatgttgcaa	accgttttcc	ccttcccaac	ctgggactat	atgatttctt	900
acccccaggg	attatgatag	aaatatgaag	ccaccaagtc	tagacttgat	ggtgttcaag	960
aataaataat	actgattgcc	tccctagtcc	ttgtccagct	aactcagctg	tttataattg	1020
aagggtattca	acaaaattat	ctctagcatc	aggtgctaga	catgggttaga	atctcaccat	1080
ggttttagtg	ctggttagata	gctattaggt	aggtagataa	ataaatgatg	ctagaggcaa	1140

caggtctagg	gttaaggatt	aaggcctggg	aattggagtc	tcaccatggc	tccccttcct	1200
tgtctggggc	ctggacacac	tgaggacaat	gcggtctatag	cagatggcca	tggcagtcag	1260
tggcagcaga	aagaggcagc	agaaggtgaa	gaggttatag	gtggtctctt	gccattgagc	1320
cttgaagctg	cctttggtga	cacactgagt	gaaagggact	gggccagctc	agtggaccgt	1380
gtggaacagg	aacagctgga	gtggagttga	ggactattag	aactggttcc	cctcaccacc	1440
caacctaccc	acctatgtca	tactgtctcc	tcccaattca	tccttaattc	caagtgaagc	1500
agcacagtgc	tgagaaacag	ttcatccatg	gtgccatggt	aaagaagttg	gaaatatatc	1560
ttgaaaatcc	tatcttcctt	ttaggcttga	atatgatgct	gaacagtaag	tttgtaaata	1620
cttggaaactt	aaaacaatcc	tgctttctca	agtactattc	taacattgcg	ctttataagg	1680
gatgataattt	ctaccacctc	actcataattt	ttagctgaaa	tgattttcct	ggtagtctg	1740
ttattttgtg	gaaaaagaaa	tattgtgtaa	aatgggtgct	gccaaaattc	caggccattt	1800
tgcagggact	ctgaagtgc	ctttagtagt	aatagtccta	tgtgcagtaa	ctataatggt	1860
aaagaatggt	aaataataaa	atttaacatt	ttccaaatgc	tattgggctg	cccctcccc	1920
tttttggttaa	attgctgggt	tttccaactg	aatcagtaaa	aactatttct	gtttagagct	1980
acaagggttaa	agtgcctgct	ttccagtaat	ggagattgag	tcactattaa	tttgataaaa	2040
ggtaagctca	gtaggcacat	gattcctaga	tacaaggcat	ttgggaaagt	gatttttagca	2100
gacatgaggg	acatttagga	aagatgaata	gtttcagcct	aagagaattt	tgtgaactgt	2160
ttggagttac	gatcaggcta	ctctgagcta	gttgggaaat	ggtctttcct	cttcccatct	2220
cttgcattca	tatatctcta	agtttttttt	ttttgttttt	gtttttgtgc	tctgcctaaa	2280
aagggcttga	aaattgtgag	gagtttaaaa	atagtcaaag	ctggctgggc	cgcgggggct	2340
cacgcctgta	atccccagca	ctttgggagg	ctgagggcgg	cggatcacga	ggttaggaga	2400
tggagaccat	cctggctaac	acagtgaaac	cctgtctgta	ctaaagatac	aaaaaactgg	2460
ccgggctgtg	tgggtgggtgc	ctgtagtccc	agctacttgg	gaactcgga	ggctgaggca	2520
ggagaatgac	ctgaacccgg	ggggcggagc	ttgcagtggg	cagagattgc	gccattgcac	2580
tccagcctgg	gcgacagagt	aagactgtct	ccaaaaaaa	aa		2622

<210> 6907

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (142)...(591)

<223> similar to gi2117305 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6907

ggacactgta	ggccacgtgg	ggcggaacgg	aaacctcgca	gggtcagacc	gtagcgacgc	60
gggaagtccg	gacgcagtag	ctccctgaag	cggaggcgaa	ggggagttaa	agccccagcg	120
gcggcaatgg	cggagaggcc	cgaggaccta	aacctgccca	atgccgtgat	caccaggatc	180
atcaaggagg	cgctcccga	cggtgtcaac	atctccaagg	aggcccggag	cgccatctcc	240
cgcgcgcga	gcgtcttcgt	gctgtacgcc	acatcctgtg	ctaacaactt	tgcaatgaaa	300
ggaaagcggg	agacgctgaa	tgccagtgat	gtgctctcag	ccatggaaga	gatggagttc	360
cagcggttcg	ttacccatt	gaaagaagct	ctggaagcat	ataggcgga	gcagaaaggc	420
aagaaggagg	cctcagagca	aaagaagaag	gacaaagaca	aaaaaacaga	ctcggaagag	480
caagacaaga	gcagggatga	ggacaatgat	gaagacgaag	aaaggctgga	agaagaagaa	540
cagaatgaag	aggaagaagt	agacaactga	aaagggcggg	agactgtggc	accttggaag	600
gtaccacttg	aaatgagacg	tgctacgtgt	ttctgtgaag	cttttccatg	ctgggcagag	660
tagtctcagg	caaaagtgcc	tgaaaagatc	agaataaaaa	ctgactagaa	ataccgtcaa	720

```

aaccagcact taccaaactc agagcatctg agtagcagaa tcctgttttg cttcatcaat 780
ctgaagggtta tggccttttg acaagagggg ttctgaacga ctaaattagt cagtttgctc 840
gcttttggtt acttaaatgt atggtttagat gggttttgat ctgcagtctt ccctagtccc 900
ccaaataagt aataataact tccatgctgc ctgctgtgtt ccagatcaca gaggcagcca 960
aggctcagga aaaactgggg ctttgcttat ggtcagccta tgtttgattg cacagtcttt 1020
gacaatagta gcttactaag actgctcaga atgagtaagc tttaggaaac tactaaaatg 1080
ctgtgggaga ataacaaaat ccgttctctc tcttcacttg acagaagcat taactgaatt 1140
ttgtttttca tagaccact tggcccaaaa cctttctata ttgcctgtag atgatcggcc 1200
tgctggtgtg gtagtaatct gatcacagat attcttaaat cagcagtgtg gaatggtatt 1260
agtcaaacat ggtgccagtg tcttttaca aaacagatgg catagtgtca gatgtacctt 1320
actctctgct actgtacagc tttaggattt gtcacacct cccggaagggt gtaaaacccc 1380
aggcttcctc ttcttgtagt ccatctccca gacttgtgac tatggctttt cattcttcaa 1440
ttcatgacga gtgccaact tgattttctc taggcacagc tttctccctc tgtgcctcct 1500
gcttcctttc tctctcctgc ctctcctctg ctcccatcc cactttctca tctgcctcct 1560
tttctcactt ctgtcagtct gtaagctttg ataacctgct taatactcca aagtgtgagt 1620
tcctctgata tcttgattcc ttagttctaa tctcacgttt tgtttttaag agatggagtc 1680
tctcactctg tggcccaggc tggagtgcag tggcatgata atagctcatt gcacccctga 1740
aatcctgggc tcaggtgata ctccgcctg agcctcctga gtatctggga ctacagatgc 1800
gtgccaccaa gcctggctaa tttgtctca tgtcttctaa aaattatttt gtgaagcccc 1860
ttcacaaaaa accttaaggg aaatctgatg gtgctcagga atctaactct ccctaaacca 1920
tcctctttta ctgcttctaa aatatctctg ttggcctttt ttagcctttt tctgtttcca 1980
ttcagtgtct caagcgcttt ttgtttctaa gttgagtgtc tggggtttga caggtagtga 2040
cgtgtagttt gacactgtta acttggttaa tacagtgaag agtttgtagg tgaagaatgc 2100
tgagaagatt gtaatgcttt gtacaaataa aagtcttggt aaaaaaaaaa 2150

```

<210> 6908

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(912)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (220)...(851)

<223> similar to gi246483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6908

```

ggcacgaggc ataatgtggt caagagcagc agtcaaaaat aattggtttc ttttcccatg 60
ggatgagaaa gtgcgttcct tccctatca cagtgtcctg aatgccatgg aattggtcga 120
agatgacaga cagctctctg tgcagcatca cattgtagaa ggcagagttc cccacacctc 180
ctgcagaagc taaggacagg gcagacttgg cagctgtgtt tccatctgct ggacccactc 240
acgcctgcgt ccactccaac cccccacatg aattccgtcc ctttatcatt gattttctgat 300
gcgaaaagtc actttgatta gtgaagtgtt gctttatgta gatttttagg cacacatctg 360
ttagataaaa cgaggattgc ctgtagagaa agcaaataaa agcaaagtcc ctcttggtga 420
aactggtgtg ggagcccttg aacctcatgc agctggcctc cctgctctga ccgagttccc 480

```



```

tgagggactt ctccaaggag gaatgtgtga gaagcactga ttttgagcac tctttcatgt 540
ggacaaatth cactttatth acaatgtaaa cttaaattta aattctgtct nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntctgtc 900
ttttctgcag t 911

```

```

<210> 6909
<211> 813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (182)...(44)
<223> similar to gi330005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6909
gccagtgggg cagcaaaggc cccttggggg aacaaagggt ggatgtggaa ggccagggga 60
gcccgggggc gagagtgggg gcagatggag gctcgggaag atcagtattg aggaccatgt 120
agggggggagg gggccgggaa gggacctggc tggggaatga gaaaacctgg ggccatcgct 180
aaccagagaga cttgggtttg cagggtgaagg gtatcggggc gtccatccct ctagcatgct 240
tctcacgact tgcattctta cccactagac ttctgcactg acccaggggc tggagcgaat 300
cccagaccag ctcggtacc tggtaactgag tgaagggtgca gtgctggcgt catctgggga 360
cctggagaat gatgagcagg cagccagtgc catctctgag ctggtcagca cagcctgcgg 420
tttcgggctg caccgcggca tgaatgtgcc cttcaagcgc ctgtctgtgg tctttggaga 480
acacacactg ctggtgacgg tgtcaggaca gagggtgttt gtggtgaaga ggcagaaccg 540
aggtcgggag ccattatgat tctgagcctg ccggaggggc agggtcggag aagcggattg 600
ggtcctgggc ctctgtgat aggcaggcac acctgtcggc cttggcttgc tgctagaact 660
agggccttct gctcgccac ctcccaccc tacctggacg ggcccaggct tggggactct 720
gagctgtgtt aaggagaaca agggcaagga gacctccct tgtgctccct cactccctaa 780
taaacatgag tctgatgttc tccaaaaaaa aaa 813

```

```

<210> 6910
<211> 2106
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2107)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (1024)...(1222)
 <223> similar to gi4262296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6910

ggaattcgcg	agcgcagggc	gcatgactgg	caggcagctc	cacctgcagc	cctgggtgccg	60
gtatccacta	ggtgaagcca	gctgggctcc	tgagtctggt	ggggacgtgg	agagtcttta	120
tatctagctc	agggattata	aacacaccaa	tcagcacccct	gtgtctagct	caagggtttgt	180
gagtgcacca	atcgacactg	tatctagctg	ctctgggtggg	gccttggaga	acctttatgc	240
ctagctcagg	gattgtaaat	acaccaatca	gcaccctgtg	tttagctcaa	ggtttgtgaa	300
tgcaccaatc	gacactctgt	atctagctgc	cctgatgggg	acgtggagaa	cctttgtatc	360
tagctcaggg	attggaaacg	caccaatcag	cgccctgacg	aaacaggcca	ctcggctcta	420
ccaatcagca	ggatgtaggt	ggggccagat	aagagaataa	aagcgggctg	cccagaccag	480
cattggcaac	ccgctcgggt	ccccttcac	actgtggaag	ctttgttctt	tcgctctttg	540
caataaatct	tgctactgtt	cactctttgg	gtccacactg	cttttatgag	ctataacact	600
caccgcaaag	gtctgcagct	tcactcctga	agccagcgag	accacaagcc	cactgggagg	660
aacgaacaac	tccaggcgcg	caatgaacaa	ctccaggcgc	gccgccttaa	gagctgtaac	720
actcaccgcg	aagggtctgca	gtttcactcc	taagccagcg	agaccacgaa	cccaccagaa	780
ggaagaaact	ccaaacacat	ctgaacatta	gaaggaacaa	actccagatg	cgccacctta	840
agagctgtaa	cactcaccgc	gaggggtccac	ggcttcattc	ttgaagtcag	tgagagacca	900
agaaccacc	aattccggac	acattttggc	gaccatgaag	ggactttcgc	ctattgccaa	960
gcggtgagac	aatcgctgag	cagtgcagacc	atcacctatt	gccgagcggg	gagaccattg	1020
cctatcgcca	agcaaatcga	ggccatcaag	ctacagatgg	tcttacaat	ggaaccccaa	1080
atgagttcaa	ctaacaactt	ctaccgagga	cccctggact	gaccagctgg	tcctggcact	1140
tcccctggcc	tagagagttc	ccctctgaag	gacactacaa	ctgcaaagcc	ccttcttcgc	1200
ccctatccag	caggaagtag	ctagagcagt	catcggccaa	attcccaaca	gcagttgggg	1260
tgtcctgttg	attgaggggt	gacagcatgc	tggcagtcct	cacagccctc	actcgctcgc	1320
tcactctcgg	cacctcctct	gcctgggctc	ccactttggc	agcacttgag	gagcccttca	1380
gctctgtatc	tagctactct	gatgggtcct	tggagaacct	ttatgtctag	ctcaaggttt	1440
gtaaacacac	caatcagcag	cctgtgtcta	gctcagggtt	tgtgaatgca	ccaattgaca	1500
ctctgtatct	agttactctg	gtggggcctt	ggagaacctt	tgtgtcgaca	ctctgtatct	1560
agctaactctg	gaggggatgt	ggagaaactt	tgtgtctagc	tcagggattg	taaacgcacc	1620
aatcagcgcc	ctgtcaaaac	agaccactcc	gctctaccaa	tcagcaggat	gtgggtgggg	1680
ccagataaga	gaataaaaagc	aggctgccc	agccagcagt	ggcaaccac	tgtgggtccc	1740
cttccacact	gtggaagctt	tgttcttttg	ctctttgcaa	taaatcttgt	actgctcact	1800
ctttgggtcc	ccactgcttt	tatgagctgt	aacactcact	gcgaaggctc	gcagcttcac	1860
tcctgagcca	gtgaaacat	gaaccaccca	gaaggaagaa	acgctgaaca	cacctgaaca	1920
tcagaagaaa	caaactccag	acgcgccacc	ttaagagctg	gaacacttac	cgcaagggtc	1980
cgtggcttca	ttcttgaagt	cagtgcagacc	aagaaccccc	caattccgga	tacagtgcc	2040
ctgcactcca	gcccaggcaa	cagagcgaga	ttctgtctaa	aaaaaataaa	ttatgtnana	2100
tatggg						2106

<210> 6911
 <211> 2385
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (2121)...(849)
 <223> similar to gi54806 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6911

ttgaaagtca	gaaaccttaa	tcccaattat	gtagtgctac	attcttttca	tctactttta	60
tgtttgtaaa	tatacacata	aagctttgtc	tccctgcccc	cctggcctag	tcatttttga	120
ctctgtacct	caaagccata	aataatattt	cttctattag	aagagaagca	ctttcagtgt	180
ggaaaaaaat	ctttatttca	aagtaaaatg	cacaaagtct	catacagcag	ataaaatcag	240
tgttactgct	ctcagatggt	aagggttagca	acctttctgg	catatgctaa	ttcatcatga	300
actcccaata	gctgaactga	atggctttta	agtacagcta	taagggtctca	tggtataatt	360
ccttttggtg	atgccagtga	caggatttta	aaagctacat	tccattaaaa	attaaaaata	420
cagcagcttt	tccaggggaa	ctagatccca	aaattgtacc	cagaactctt	gtctaagata	480
ttaagttaaa	tatcttgcac	gtatatatca	ttatagtaaa	tcagtattct	tgacaaccac	540
agtgtaaaga	attaaacttt	ggctaattgt	tttccccatc	atgaaatcag	tcttttgctg	600
tcttcataaa	taaattatga	ccaaacatta	caaatacttt	atacatgttt	actgatttac	660
agagaatatt	taataatcag	aactcaccag	tttcaatagt	attgtacatt	aaattataag	720
caatataacc	actgctacaa	aagttatcta	agttaatcca	agataaaaaac	tgtgtctaga	780
gtttaaatac	attgaaatag	aaaaaaaaat	agaaattaga	aaatagtctt	caagttctga	840
aaatctagaa	gaattctcca	acatctgctc	tcttatctcg	acatttgctt	ctagctttgg	900
ttcgagcttt	gaaggctgca	gagttatata	aatgcctttc	gaaacgagaa	atcttcatcg	960
ttttaagcgt	tgcagcatca	agcatcactg	gggggtccaag	ttcaaataca	tttcgaagga	1020
attcatttga	ctgcaagtgg	tactgcatcc	ctgatccaag	aacctcctta	aagggtgcat	1080
aggtgtgttt	ttttaccag	caatcaatat	acatgcgttc	aggaccaa	ttaatggttt	1140
ctgttgga	atcccggttc	tccactgccc	tcaggacatc	tctgaaaact	gaccgctgct	1200
ttctcttgtc	cactttggcc	cggtgtttat	ttccatctgt	tgccaaggcc	ctaagcatct	1260
gcgtcaagga	ctccatgtct	tcataaaaaa	agtcactctc	tattcctctg	gccaatccaa	1320
agagaagtgc	caaagattca	ccagcagcta	ttctcatggt	tacatcatca	caagagagga	1380
ggcttggaag	cttatggaaa	tgcattctca	gctttttctt	cacttcattg	attgggcata	1440
tggtcagcag	tagtgtccat	gcaagaagag	agctgatatg	aagcactgta	ttaggagtgc	1500
tgcaaataac	agtagtgtct	ttctctttga	gataggattt	agtgaagata	ttttccaaac	1560
attccagagt	tgagtatagt	tcagtaatgt	catctgtggc	aataaaacag	caaacaccaa	1620
agcaagttgc	acaagtttgc	ctagcctgca	tactagctga	cccatcacia	atgattttct	1680
ttaggattgg	tccaagagtt	ttcaaaatct	cttcactttc	aattccaggg	cccagctgaa	1740
tacaaagaac	agatgctaac	gctgcagctg	cacgttgctc	atcactctta	ccttttttca	1800
ggcagcgttc	aatgctatca	gttaaagtca	ttctcctttc	cagaataaat	tcatacagca	1860
tttttgaaagc	cagtgcattt	tttaaacctt	caagagctgc	ttgccttgct	ttcgcaactct	1920
tatccagggt	taggtcaatt	aatccctttc	tcttgctactc	taggtcttct	tgagttcctt	1980
cctcatcaag	gacttctggt	ccccatcttc	agcaaaaact	ggaaggatcg	ctataaccac	2040
tgcaatggct	catagtttca	attgatgcat	cttcatcact	aaaaggctga	acatttctgat	2100
gctggccacc	ttgtgatcgg	cttctgagaa	ttaaatggga	tgtccacgta	aagttcttcg	2160
cataatgttg	gcacctagtg	atcaccaata	aatgttaatt	ttatgtaaca	gtgctaccag	2220
ataaagcagc	tggcatcagc	ccaaagcctg	accagttcag	gctgttggct	caagtga	2280
taagtaataa	aggaacatca	aatactggga	ggaattacac	acatcccttt	ggaacaacct	2340
ttaactatgt	agaccttgaa	tgaaccagga	gccagaagga	gtgca		2385

<210> 6912
 <211> 776
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (359)...(135)

<223> similar to gil8499 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6912

tttttttttt	ttagaaagcc	aaagtctttt	attaaaggct	ccgactgggt	ttcccactgt	60
atttccatgc	cagccagggt	ccagggacag	cctctcggga	ggtaccgggt	ggctgggcct	120
ggggcccggg	agcacagcgc	ttaacgggtat	ctgcctgctc	cactccacgg	ggccagaggg	180
accagcacga	tgccgccccg	actcggtctt	gcggtggccc	ctgtgggcct	gcccttcctt	240
tagctccagc	tgtgccccgc	ggcatccccg	ctcattcccc	ctgcgcagct	ccgcgcttgc	300
tatctaagat	ctccctccag	ttgtcactcc	aggagagcag	ccgtctcctt	gtcgggggca	360
ggaccagggt	ccgattgtgg	cagcagggtga	acaagatgtg	ctcccagctt	ggggtctcct	420
cctggcctcg	aactgtgtcc	ttgtcatcaa	tgagcagggt	ccccaagacc	accgtcttgt	480
cccttgtcag	gataattcgt	tctacgaact	ggggccccag	gtgctgctcc	accagcggt	540
actgtgtaga	aaacacagtc	tgtgagtagg	gcctgatgga	agccggaatt	cagggatagg	600
gagttggctt	taagcccttg	agagcccccc	acccccacct	tctgggtttc	tggtgggttc	660
tttttaaaat	caggatttag	gcagctccac	gtgcggagta	ggggcggagg	gggcgtcggt	720
caggggcacg	cgcccaaagg	ctcctcccca	gggtgcgctg	cccgcgggtt	ccaggg	776

<210> 6913

<211> 1584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(684)

<223> similar to gi3411072 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6913

tttcgttggc	cgtacgggtc	ctgtggggcg	gccggctgcg	ggtgcagcgc	ctactggcct	60
ggagtgcgc	gtgggagagc	aagggatggc	cgcttccatt	cagcactgcc	acccagagaa	120
ctgctggtga	ggactgccgt	tctgaggacc	ctcctgatga	gcttggggcc	cctcttgctg	180
aacgagcctt	aagggtaaaa	gctgttaaac	tggagaaaga	agccaagat	ttaacagtga	240
gataccagag	agctatagct	gattgtgaaa	acataaggag	gcgaaccag	agatgtgtgg	300
aagacgcaa	gatatattga	atccagagtt	tctgtaagga	cttggtgggg	gtggctgaca	360
ttttggagaa	gactacagag	tgcatttctg	aagaatcgga	gcctgaggac	caaaagctca	420
ctctggagaa	ggtcttccga	gggttggttc	ttttataagc	aaagctgaaa	agtgtgtttg	480
ccaagcatgg	cctggagaaa	ctgacacca	ttggtgacaa	atatgacccc	catgagcatg	540
aactcatctg	tcatgtgcca	gctggtgttg	gggtgcagcc	tggcaccgtg	gcattagtaa	600
gacaagatgg	ctacaaactt	catggccgca	ccattaggct	tgcccagagt	gaagtggcag	660
tggagtctca	gagaagactg	tgaagaggcc	atcaggaact	ggatgttctc	ccagagcgca	720

gtcacctatg	tttcttttat	ttattaaact	aggtttgtat	tgtacatgag	gtactttcatg	780
tgatatgttt	tggatttagt	catattggct	ttattttctaa	gatatttctat	tgattttaatg	840
tgacctgttt	ggtctcatca	gaagtcttac	cattggggcat	ttgaacagtg	tgacaggtgt	900
tccaatggcc	tttatcaaaa	catgttttag	aaaatttgta	ctgtgataaa	tttgaatcca	960
aatcctttt	aactatgggt	tttcaactac	atgtttcttc	ctagcgggtct	ctataacagg	1020
aattgtgtag	tatcttgtat	tttgtggaaa	aaggagatgg	tagggatttg	ttcaacattt	1080
gggtacttag	aggataaaagc	ttcgtgggtcg	tataaaattta	gatcattttg	attgattttt	1140
atacacatag	attttcagga	ctttaccttt	tgttttgttt	ttttcctttt	agccatcttt	1200
tgttcttgta	atcccaacta	gataggcttt	atgctcacat	cattgtccca	taccaccccc	1260
tttctcatcc	ccatttgcag	gggctaaaag	tctagatgag	acttggaagg	caaggagcat	1320
cgaaatttga	gataccagg	accctttcaa	gcaagaatgg	caaaaaagcc	ttgtgctgtc	1380
tttgctcttc	aaattatttt	cagcctcctt	gtcatataat	catttcaggc	aaactgaggc	1440
aaccactaac	agctaatagac	ccagatggct	ctatttgggt	aattttaccta	caacttattc	1500
caccagcctt	tactcctctg	cccttttgtc	aattttacct	tataatcctt	tattaaaatg	1560
atggggaggtg	gtgatcagga	caaa				1584

```

<210> 6914
<211> 1083
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (71)...(620)
<223> similar to gi3874988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6914						
agggacggac	cagctttaac	tctctgctcg	ccttcgccgc	tgtcgccgcc	acctcctctg	60
atctacgaaa	gtcatgttac	ccaacaccgg	gaggctggca	ggatgtacag	tttttatcac	120
agggtgcaagc	cgtggcattg	gcaaagctat	tgcattgaaa	gcagcaaagg	atggagcaaa	180
tattgttatt	gctgcaaaga	ccgccagcc	acatccaaaa	cttctaggca	caatctatac	240
tgctgctgaa	gaaattgaag	cagttggagg	aaaggccttg	ccatgtattg	ttgatgtgag	300
agatgaacag	cagatcagtg	ctgcagtgga	gaaagccatc	aagaaatttg	gaggaattga	360
tattctggta	aataatgcca	gtgccattag	tttgaccaat	acattggaca	cacctaccaa	420
gagattggat	ctgatgatga	acgtgaacac	cagaggcacc	taccttgcat	ctaaagcatg	480
tattccttat	ttgaaaaaga	gcaaagttgc	tcatatcccc	aatatcagtc	caccactgaa	540
cctaaatcca	gttttggttca	aacagcactg	tggtaggtgg	taggtggtag	ggtgagggga	600
tggtttgtgc	ttaatttggt	ttgaattaaa	tctgtgtatg	tctgatgtaa	tcacaatctg	660
cacataacat	tcatcattga	attttctatg	ccaagtcatt	aagtggcatt	tggaaagtag	720
attcttcatc	ttttatctgt	aatttaaaaa	attgaggcat	aattgacatt	caataaaatg	780
cacagctctt	aatgggttcag	tttgatgagt	tttgagaaat	gtatataacc	aacacccaaa	840
tcaagataca	gatttttacc	atttcagaaa	gctcttttca	tttcccaatg	gagtgtgttt	900
tactgtgtgt	aattttattca	tctataaaagt	tggttaaaaa	ctatctatga	gatactttat	960
ttttcttaga	caggtagtca	cctgtagtcc	tagctacttg	aaaggctgag	gtgggaggat	1020
cgcttgagcc	caggagtttg	aggctgcagt	gagctaggat	catggcactg	cactcctgcc	1080
tgg						1083

<210> 6915
 <211> 1157
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (32)...(12)
 <223> similar to gi3738265 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6915
 cagtggcccg attgggggtga caggcgccca aatggccaag tggtacgagg actacctgag 60
 ctttggggggg cggaggcccc ctccgcagcc gccaccccg gactacaccg agagcgacat 120
 cctgaggggccc taccgcgcgc agaaaaacct ggacttcgag gaccttatt aggactccga 180
 gagccgcttg gagccggacc ccgcggggccc tggggactcc aagaaccccg gagatgcca 240
 gtatggttct cccaagcacc ggctcatcaa ggtggaggct gcggatatgg ccagagccaa 300
 ggcccttctg ggccggccccg gggaggagct ggaagccgac actgagtatt tagaccctt 360
 tgatgctcag cctcatcctg ccccccgga tgatgggtac atggagccct acgatgcca 420
 atgggtcatg agtgaacttc ccggcagagg ggtgcagctc tatgacaccc cttatgagga 480
 acaggaccca gagacagcag atggaccccc ttctgggcag aagcctcggc agagccggat 540
 gccccaggaa gatgaacggc cagcagatga gtatgatcag ccctgggagt ggaagaaaga 600
 ccacatctcc agggcggttg cagtgcagtt tgacagtcca gagtgggaga ggactccagg 660
 ctacagccaag gagctccgga gacctccgcc cagaagcccc cagcctgcgg agcgtgtgga 720
 ccagccctg cccctggaga aacagccgtg gtttcatggc cccctgaaca gggcggatgc 780
 agagagcctc ctgtccctct gcaagggaagg cagctaccta gtgcggctca gtgagacca 840
 cccccaggac tgctccttgt ctctcaggag cagccagggc ttctgcatc tgaagtctgc 900
 gcggacccgt gagaaccagg tgggtgctggg ccaacacagc gggcccttcc ccagcgtgcc 960
 cgagctcgtc ctccactaca gttcacgccc actgccggtg cagggtgccg agcatctggc 1020
 tctgctgtac cccgtggtca cgcagacccc ctgacagtga ccctcggcc ccttttgagt 1080
 cctcggggccc agaattgtat cccaaagccc tcccatggcc tagaaaataa ataagtttat 1140
 gtttaaaaaa aaaaaaa 1157

<210> 6916
 <211> 1349
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1300)...(664)
 <223> similar to gi2226004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6916

```

cagtctcctt ctctaccaca ataattagct ggtgggtggg gcatgtgcct gtagtcccaa 60
cactcagaag gccgaggtat gaggattgct tgaacttttg aggtcgaggc tacagtgaac 120
caagatcgcg ccaactgcaact ccagcctgga tgatggagcg agaccgtctc aaagaaaaaa 180
agttttcctg gcgattctta cacatatatg agctttttaa agcatatatt taaataacat 240
tttaatgaca aaatttgatg ctctcaagta tcaaaatgga aataccaaca gcaaggtttc 300
cagggatgtc caacaccaca gagcagggag gcctggctgg gcctccactg ttgagggtcat 360
catggtgctt ccgcttttatt ctgattaact tttggttaca cacattgaaa aatgacctaa 420
gagagtgtgt ttgagtggcg cttttttctca ttgtacagct cctgctagca gtttactgca 480
acactgattt ctctggaacc tctcagtttc cagtcatcat tagggctgtt actagcaagg 540
acctacaagc cagcctcaaa atgtgagagg gctgccgaca gtcttcctgt ggtagctgc 600
cacagtgcgc agggaccatc ttccctctcc tcctcccca ctgccagctc ctgttccagc 660
cgcatcagtt cctcatgtga gagatcttct tcatgggact gcagcaactg gtccacagca 720
gcctcagcaa cctcttcaaa ggccacattt ctggcaaggg tcacaatgtt tttttgaagc 780
tgtgcaatgt tatctgcctg ggaaaaacgc tgggcctgaa cactctcagg ccaaatcttc 840
ttccacatgc tgttcattag tgctggtttg agctcctccc atgcgatggc catgtccaca 900
gcatccatga tgctgtagtt tctccaaaat tccctgatca tagctgtgtc ctccaccatcc 960
gctgcttcta ggatgtgctg aaaagtcctt ctcagataat gagctttcaa ggtagagatt 1020
acaccttgac acgtggtccg gattgagtca gctgtactgt catgaaggta ttatactctt 1080
ggaattcttt tttttctttt tttttttgga aacggagttt aactcctgtt gccaggatg 1140
gagggcaagg gcgcaatttg ggtaaaccaa aacttccgcc tcccaggtta aagaaatttt 1200
cttggttttac cctccagaa agctggaatt acgggcctgc accaccacc cgcgtaaat 1260
tttttttttt aataaaaacg gggtttttcc atgttggggg tgggcttgaa ctctggacc 1320
taggggaacc ccccgttttg ggcttccaa 1349

```

<210> 6917

<211> 1346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1347)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (514)...(942)

<223> similar to gi4379067 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6917

```

cgggggtggct tagcgttgat aacagaagat tctgagatgg gtgagaagtg gtccacacgt 60
ggccactgtc attcctctgg cataatggac ttgggctcag gaggtcaagc cctcttcaag 120
gagcatgagc tgaaattgct aaactttggg agttttccgt gacacccttc aaagtgtca 180
cggtgtggca tggatcagct ggggaggggt gatgtggttt tgccctgtgg ggtatctatc 240
tgtgtacttt tgtctgaggg aggcaactgg ggccacttag gccggcaggt gccactgtg 300
attggttgac atgataccaa gcaacaggat catccagtca ctttcaatgc agggaggatg 360
gctgacaggc tccctgggtg acacttcatg caatcagatg tcgagttgga ctgtgacata 420
gagccatgtg gccacactaa attccccccc acccttcccc tgtccacaac cgtcattgtc 480
tgttcttgcc atccagtggc cactgcctcc accatggctg aggccttctc taagacaacc 540

```

tctgaggaag	accagagcat	ccaggagccc	aaagaggcca	actccatgac	ggcccagaag	600
cagaagaagt	gagggcttcg	aggctcccgt	aggcgccatg	ccaacagcgg	cggagatatc	660
ttcggggaca	gctttgccgc	ctatttcccc	cgggtgctga	agcagggttca	ccaggccctc	720
agcctttccc	aggaggccgt	gagtgtcatg	gattctatgg	ttcgtgacat	actggaccgc	780
atcgccaccg	aggctgggtca	cctggccccc	tactccaagt	gcgtgaccat	cacctcccgg	840
gacattcgga	tggccgtgtg	cctgctgctg	ccggggaaga	tgggcaagct	cgctgagtct	900
cagggcacga	atgccaccct	caggtacacc	aaaagcaagt	gagctatctc	aggagcgccc	960
gagcaccggg	gaaagccaaa	tgtctgtttc	agaaccacca	cacgtggccc	taaagaccag	1020
tggcctgcca	aggaggggac	cccactggag	attgggggtg	gtggcacccg	tctggcttgg	1080
ggagcatgtg	gcgtgtggcc	ttctgcggtt	tttcaagcat	ttttcccaca	gtgcaaaaaca	1140
ctgtcaactc	caatacatct	gtagtgaat	atgctccaag	gaaaagtagg	gggtgtttcc	1200
gtaatcgtgt	ttcatgtcct	cagtttccta	aatgggcccgt	tttatcagnt	atctttctag	1260
gntatctttg	gggggatatt	atcaatgtac	tgatgtttac	ccttttcact	ctcattctcc	1320
tacaactgga	tggnggaatt	ntccag				1346

<210> 6918
 <211> 1236
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1056)...(1067)
 <223> similar to gil890647 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6918						
ggaattcgct	ttctctgttt	ttcatatttt	ggaaaatata	cctctttaat	ctcttgtttt	60
ttgaaagcct	aaagatgcc	ggtaacaaat	gttgactct	agaaccgtca	ccttttttat	120
ataactttat	agtagtttct	tccacattta	ttatgacctt	atgaattagc	tcagtaacat	180
tgtcttgaca	ggtatcacta	attaaatatt	gttcaaaaat	tctgtgaagc	attctgcctc	240
attaatgtag	catcattggt	gaggctttat	aatttttttc	atctgtctgc	gcagtatggt	300
ttggttttct	aatgctagca	agagctacat	gcaacatata	atttgccctg	gctgccagca	360
gctgtgcatc	ttttgtaacc	tgtacgtaaa	ataaccatta	gcagccagaa	atgttaacac	420
attaacctcc	tcttaatgta	taattatgga	tatatgggat	aactgttagc	atgctcagct	480
cactgctgaa	gaatttatca	tctctttgta	tacaggcatt	tgatgtatgc	actaacctcc	540
ctaaaatcat	atgctgcttt	gttttgtttt	gcatggcttt	taactaaact	cttatccaac	600
agatgctgag	caggaattac	tctcagatga	cgcttcatct	gtttcacaaa	ttcagtctca	660
aactcagtc	cgcgaaaatg	tccctgaaaa	attagaaggt	actcaatgta	atttcccaca	720
tagcattcac	tgagttagtc	ttgagctgtg	ccctctgtgt	tttgttttca	cgtgaggaag	780
ttgaatacct	catcacagta	agttttccat	attttactta	tatctcccaa	taattacata	840
ttttatatca	ttaaaaaatg	ggcgctactt	ttgttcagca	tttatattga	tttaccttaa	900
tctgaatttt	ggcaaccgcg	agttcttaag	aatttggtga	attggctggg	cgcggtggct	960
cacacctgta	atcccagcac	tttggaaggc	cgaggcaggt	ggatcacgag	gtcaggagat	1020
caagaccatc	ctggctaaca	cggtgaaacc	ccgtctctac	taaaaataca	aaaaattagc	1080
tgggcgtggt	tgcaggcacc	tgtcgtccca	gctactcggg	aggctgaggc	aggagaatgg	1140
cgtgaaccgc	ggaggcggag	cttgacagtga	gccgagatcg	caccactgca	ctccggcctg	1200
ggggacagag	cgagagtctg	tctcataaaa	aaaaaa			1236

<210> 6919
 <211> 1208
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1209)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (691)...(909)
 <223> similar to gi2318003 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09403736-01100
 <400> 6919
 tttttttttt ttgtgtgtat aaaaaagtga tatgtcttta atttaaaatt atgacccgga 60
 aataactagt cagtttaagt gatccagact tcctcttcat acccaaattg aacagacaca 120
 atattggctc agattttcaa ccccgaaaaa aaaccaaacc aagtcctcag gaagtccctg 180
 cagcgacctt gctggggcca tcagaccgca cagagtggag gtgcccaagc tgctaggctg 240
 ctcttaatcc agccacactg agaagagctt tccttctacc agcaactccc tcgctgggtc 300
 cgatatcccc cttcacctcc ctttttagctg gcactgcacg aatgcctcca cagagaggct 360
 gacagtacag cagtcacctc ccagctgtct tcggtgcatc ttcagggcca ccttcctgtg 420
 gtcacaatag aggagttgag cattctaaac gtctgtgccc aggagggcag cgtcttctct 480
 ttttagctga ggtctggagc cctgagttgt aaccattggt catatgtggc tgaggcaccg 540
 acagcaaadc gccaaacttg ggaaacgatc tggggagatg caagggcctt ggtaattgat 600
 ggtgagtaag tccatggagt tttcatccca tcatggcaga aggctggcct gacccctgcc 660
 ctactggat gatgctgtct ggctgcccac ctgcccaggg tcagaggcgg 720
 gggccgggtt agctgtgttg ctctgcaggt agcggcgga atctttgatc ataggccgga 780
 ggacctggat gaggacgctc agggcagcct gtgtgccctc catggcctgg gcctggcgct 840
 cctgggcaca ggcctgcact tcctgggagc ggcggatcat ctgcagtagg tcgttctgct 900
 gttccagggtg ctgtgcatc tccttcacat gcaggttggt gacccgctgc tcctgtatca 960
 gcttggcgga gttgagagca atgcggctct tgagcgcttg cggcttgacc gacgtgtctg 1020
 catgctgggc catcatgtcc acaggggtct ctggtggcag aggtgggggc gcctcagccg 1080
 tgcagtactc caccacgccc tcctccagcg tgtgataggt ggtctctgtg gggatctgtg 1140
 tcagggaatt ccacgcnnng tactgatgaa ttctatactc aattgnnnnn ggcccgcctc 1200
 ccttcctt 1208

<210> 6920
 <211> 1608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (891)...(1323)

<223> similar to gi4567070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6920

ctgaattcac	gggtccaccc	acgcgtgcgc	tgaggatggt	gctggggagt	tatcacccgt	60
tttgtgggca	gggctaacag	tctggacccc	tgtgcgaccc	aaggagagac	tgaaaaggcc	120
cccgactgaa	aagcaggagc	gagggcctgc	ctcgagcacc	cttgggatgg	cagggccatg	180
ggcccgaactg	caaagcctcc	tggggagccg	gaagagccag	cacaggcggc	aggcacggag	240
ccacccaaat	gggctggcat	gggcgggagg	gaggcacacc	tgcttgccgg	ggacaggagg	300
gtgagccctg	agaccctgcg	gagccctcca	caggccgccc	cagttgccat	catctacagg	360
ggtcagagac	aggcctgcca	cctccctttt	ctgaaaagat	gcctttgggt	gtcatgccct	420
gggggtggcac	tggaagcctg	ggatggaaacc	aggaacctgg	gactgtgcgg	ggacccccct	480
cacacccctt	caccagctgg	cttccctgcc	tccctgttag	ccatcacccct	ctggtcacca	540
aggtgctgtg	cccggccctg	ggctggatgc	tggaaccca	gagtgaattc	gaagtggccc	600
ggcccagggg	agccaacgtg	tggcccaaca	tgagcgtca	ggacagctgg	gagacggcac	660
cggccggggc	cagggcagtg	ccagagtgcc	cacagaggcc	agccctgtcc	cactgggctt	720
cacctgctcg	tgctgccttt	ccctagagcc	ctgggggctt	cctaggaatg	tgccgcaccc	780
gccgccttgc	tgccctggca	ttggcctagg	tgggcgctgc	agctccatgg	ccccacagag	840
gccgcttgte	caggcaggga	gggcccgtca	gggcgggtac	catgcctgct	gccctctcac	900
aggactgcct	tcaggggcatc	cggagcttcc	tgaggacaca	ccagcaggtc	gcctccagcc	960
tgaccagcat	cggcctggcc	ctcacggtgt	ccgccttgct	cttcagctcc	ttcctgtggt	1020
ttgccatccg	ctgaggetgc	agcttggaac	gcaagggcaa	atacacccctg	acccacagag	1080
catgtggccg	ccagccccag	gagcccagcc	tcttgagatg	ctcccagggt	ggacccacac	1140
attgtctcca	ctccgaagca	gttgctattg	gtccaagagg	atgctcgggt	agtcttcggt	1200
ggctgcagga	gagcgatgct	gcgcctctgc	ccctctcctg	ccacctggct	gccccacagag	1260
ctctccaggg	cagaagtgcg	gggtgggtca	gtgggtgccc	tgagcggggg	ctctcagact	1320
gacgtcaggc	cttgggtggg	tgcaactcca	cctggagggt	ccgggggaagc	atctgcctcc	1380
aggaccattc	aggctgttga	caagtcaact	cctcatggct	gtaggactga	ggttcccaag	1440
tccttgtccc	tggtcctgtg	gtccctccac	cttcaaacca	gcaatgggtg	attgagcaaa	1500
ttgtgggtcaa	atatacatca	catcaaattt	accatcttaa	ccattgttaa	gtgtatgggt	1560
tgtggcatta	aatacattca	cattgttgtg	caaccatcaa	aaaaaaaa		1608

<210> 6921

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (752)...(1061)

<223> similar to gil70454 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6921

ccgcccgtgct	atgaggacgc	cctctacttc	ccggagctca	ttgtccactt	tatgacagct	60
gtctgtcatg	gggatgggca	gggtgctctc	tgagaccccc	cacggggccc	agagtggccc	120
cctccccacc	attccaccat	gggcttagat	gcccagtgta	ttgttgtcca	aaacaggcgg	180

gaaaacagac	cagccacaca	caaggggag	gggtgagggt	gggggtgggg	gtccttaaac	240
agactaaaat	gcagttacct	gtgggtcattt	tggagggaagt	ggaagcctaa	gaatcgcccc	300
cagcatggct	tcatccccc	agatggccga	tgatctggcc	tgaaggcctc	tcacaaaggg	360
caggagaaga	agcttccaga	aaggctggga	tggaggagga	gtcctgcggc	cagctgttgc	420
ctgcagcaga	ggctgcctgt	ggacacttcc	ctaccggggc	tgaggccatg	ctgggagccc	480
ccccagtgc	gcagaagcac	aaattggagg	cttggggcca	tgcccagcca	ggttggcttc	540
cctggggctg	aaaagctggc	tgtggtggca	ccatggcctt	ggccctgcta	ctcacccaac	600
attcccatcc	tcccctgata	ggccccctct	ccttgccctgc	cctctctccc	gctgctcagg	660
gccagtcact	ccccccacat	gcagctaccc	ctacaacctg	gggttccttc	tcaggggcctc	720
acctgggtccc	cacatcccct	ggcctctgct	cctgcctccc	aaagtccatg	tttgcctcca	780
tcagccacac	acacgcaggg	acgcccgttc	cttgccctcc	cggacttatc	tactcttcac	840
tttctctgatg	atccatgggg	cccaggccta	gagggcatcc	gaggggctgg	gccttggcca	900
cagcctcttg	gatgatgtcc	ttgctccacc	acgcaggccc	ttgcttctcc	catcaacgag	960
tcttggccca	ggggacactg	accctcccc	agggaggaga	gaggagtctc	ttccctttca	1020
acgagggctt	ccacgccttc	taaggggtgg	cggggaaggg	aggaggctga	aaaaatgcag	1080
attaaataaa	ggtatggaat	ggaaggcctg	tgcatctcctg	ggcatgggt	ctaaggcctc	1140
cactgcaagc	attatggggc	cccatggttc	agggcacgat	gaggggttct	gggaagggac	1200
tcaaaattgg	gctccagcgt	tcccaggaac	caaga			1235

<210> 6922
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (345)...(108)
 <223> similar to gi296127 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	6922	
atcgagaata	tagtccctgt	ggtggaattc
tgccgccctc	tgctgggctc	tgcttgacac
cccagcgaag	tgtagccaag	cagggacaag
ctggaggcag	gaaacaggta	gggaggggaag
aaggtgcgaa	aggacgacgc	cccgtagcct
cagagtgaag	gggagggcat	tgacgtgcgc
tggcgttcga	ttcactggca	gcaggaaaga
ccagcttccc	tgccctgata	cccagcccc
agagcagaag	cctgcgtttc	tgaggggagg
ggggtaaggg	ggtcaggact	tattttcttc
		ttcgattttt
		cataggacaa
		c
		60
		120
		180
		240
		300
		360
		420
		480
		540
		591

<210> 6923
 <211> 2940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (714)...(28)
 <223> similar to gi3881873 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6923

ggtggaattc	ggatccccac	gccggcagca	ccaaggcctc	tgggtcagct	tctttaaggg	60
caagcgccct	tagagaagca	gcacggaagc	aaccaatcaa	ctgggttctc	caattagccc	120
ccaagtggat	cagcctgctg	aactgtcggc	tagggttata	ggtgggtctg	agtccttccg	180
gaagctgccg	aatcttagaa	gtcgcgccac	tgttggtggc	atggaagaag	gcgaagctct	240
acagaaacca	ttttggttga	gggaagagt	gttttaaagt	taatttgga	aggagccggc	300
aagcaacctt	cagtcggtgt	gcggttttta	cagttgaact	gtttccagcc	gctaattatg	360
attgttttag	cggttcgtca	tctgaaaact	gcattctgca	cggcggtggt	ggggggagga	420
cgaggatgga	gaagcctggg	cggacatatt	tattagctgc	ggtcctaagt	cacgtgtgac	480
attctgtatc	cagtctatcg	gttatcccaa	ggagaacgcc	ctgccggaat	ggccaatcgc	540
cttgagatgt	ccccgccta	tccgcatct	taacatagg	gcattcccca	cagctgcagg	600
caccagtgga	agcgtcttaa	ggggaccatc	ttggttgagg	gcggaagtga	ggactgtgtc	660
gcgctggagg	agcccacaga	ttctcccggg	cccacgtgga	agcggcactc	aagatgctgc	720
gccgcgaggc	ccgcctgcgc	cgcgagtacc	tgtaccgcaa	ggcccgggag	gaggcgcagc	780
gctcagccca	ggagaggaag	gagcggctgc	ggcgcgcgct	ggaagaaaac	cgcctgattc	840
ccactgagtt	acgccgagag	gctctggcct	tacaggggtc	cctggagttt	gatgatgctg	900
gaggtgaagg	tgtgaccagc	cacgtggatg	atgaataccg	atgggcagga	gtcgaggatc	960
ccaaggttat	gatcactacc	tcccagagacc	ccagttcccg	cctcaagatg	tttgcaaagg	1020
agctgaagct	ggtgttcccg	ggcgcccagc	gaatgaaccg	aggtcgacat	gaagtggggg	1080
cactgggtgcg	agcctgcaaa	gccaacggcg	tcaccgatct	gctggtcggt	cacgagcatc	1140
ggggcacacc	tgtggggctc	atcgtcagcc	acctgcctct	tggctctact	gcctacttca	1200
cgctgtgcaa	tgtgggtcatg	cggcattgaca	tcccagacct	gggcacctatg	tccgaggtcca	1260
agccccacct	catcacacac	ggcttctcct	cccgcctggg	caagcgggtc	tctgacatcc	1320
tccgatacct	atttcccggtg	cccaaagatg	acagccaccg	ggtcatcacc	ttcgcaaacc	1380
aggacgacta	catatcattc	cggcaccatg	tgtataagaa	gacagaccac	cgcaacgtgg	1440
agctcactga	ggtcggggccc	cgctttgagc	tgaagctgta	catgatccgt	ctgggcacgc	1500
tggagcagga	ggccacagca	gacgtggagt	ggcgctggca	cccttacacc	aataccgcac	1560
gcaagagagt	cttcctgagc	accgagttag	cacactcacc	actcagtcag	gacatggact	1620
tggaaactcag	gatggggctg	tcatagacag	accaccaggt	aggaactgtc	acagaatggc	1680
ctgctgaact	gggatgtgga	actgtggcgg	gtggagaggt	ctgaataaac	cgtctgtgtc	1740
atggccccgc	ctgcctctga	gtgggtcaggc	caagtctgca	gggcaaagcc	catgggatcc	1800
ctttgggtgg	ggacctgatg	gctgtgggac	gtgcttgggc	ctggagtcag	tgtggggggt	1860
aacagagaga	gagatttgat	gctaacgtcc	cctcaagagt	gagggtcata	tgagctcttc	1920
agcaggcaga	tgtgggtagc	agggccagcc	tgtgtcaggg	gcagcccacc	aagttaactc	1980
actgagtgga	agccgccagt	gtgccaacgc	ggaggggaca	ggccacaccc	agtgtctcagc	2040
agctgattcc	tcatgtaagt	ggcatcatgt	ggtatttgggt	ttgtgtctgg	cttatttcta	2100
ttaacataat	gttctccagg	ttcctccatg	ttattgcaaa	tgataggatt	tctttccttg	2160
taaaaaataa	catgccacat	tttcttacca	atcgtccac	caatagacac	ttaggtcggt	2220
ttcatagttt	ggcagttgtg	gaaatgctgc	agtaaaccatg	ggagtatagc	tatcttttga	2280
agataatgat	ttcatctctt	ttttatatgt	ataccagaa	gtgggattgc	tgcatcaa	2340
ggtggttcta	tttttaattt	tttgaggaac	cgccatactg	ttttccataa	aggctgtact	2400
aatttccatt	ctcaccaaca	gttcaactagg	gttccctttt	ctccacattg	ttgccaacat	2460
tctttatctt	gtgtttttta	ataacagcta	tcctaacagg	tatgaggtga	tctctctcat	2520
tgcggttttg	atttgcattt	ccctaacgggt	tgggtgatact	gagcattttt	gcatacaccg	2580
ggtcattttg	tctttgttgt	tgacttgagt	cccttatata	gtttggatac	tgctgtggcc	2640
tgaatgtttg	tgtcccccaa	aaattcgtat	attgaactct	catccctaag	gtcaacagtt	2700
tagggaagcg	attaggtcct	gaggactctg	ccctcttgca	tagaattagt	gctcttataa	2760

05488723-012100

aagatgccccg	agggagctct	tttggccctc	ctgccatgtg	aggacacagc	tagaagctac	2820
catctgtgaa	ccaggaagcc	cccctcacca	gacactgaat	ctgctggagc	caccatcttg	2880
gacttcccag	cctccagagc	tgtgagaaat	aatgcctgt	tgtttaagct	aaaaaaaaa	2940

<210> 6924
 <211> 1451
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (535)...(116)
 <223> similar to gi552075 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6924						
tttttttttt	ttgaagttca	aatgtatcaa	attattaaaa	atgcagcatt	tttcacatga	60
gctttaaaga	tgtggaagat	ggggtacaat	taaaaccatg	agagttgtgc	aggggaacagc	120
cgtagggcct	gtttgcacct	tcagatattg	cctgctccca	aaaattcaga	cccccagatg	180
cagggcaaga	caataagaaa	gggtgagtg	aagcaaggag	agcctcctgc	taagaggctg	240
aggtcccctc	tggttccaag	gatgggatgt	cagccttgac	cttccggggg	ctgcagtggc	300
cagaggctgc	ctgtgcctcc	ttcctcctcc	ccttcttggt	caactgtgga	gcttctgggt	360
cctgctggag	gctggctccc	tcaggccgct	gggttgagca	agcgtcctcc	actctgtcct	420
ttgcccttcg	tgtcctggaa	ggggccttgc	ttggaggcaa	cttgccctcc	gcaggacact	480
caggactcag	ctgtgtggcc	ttggatttct	ttttgcggga	cttgccctcc	gcaggacact	540
ggtgttggag	ttggagggtc	ctatcctgcc	caggggtgac	tcccagggtt	gcagggggat	600
aggggtggaga	aggggtgctgt	agcccttgca	ggcgtgaagt	cctttctgct	ctcttagcct	660
attacattag	gagtagctta	cctttgggtg	ccaacgggtc	aggatcccc	taaaatggga	720
tggggataat	tcaggaatca	gcctgggttg	gcacaggggc	ggtattcctt	ggagaggcag	780
gactcacaca	cacccatcca	gatcagtgt	gcttctccct	taggaagcct	ctaggacatc	840
ccccatgtta	gagtccacat	cagcaaagct	gctctgccct	tggctacttt	cacttgggct	900
acctgccttg	ggctacttcc	actagctgca	actctgggac	gcatgggtgg	ggagggatgt	960
gaccctcagg	aacagtgtgg	tccttgaggg	gtctagacag	accctgagca	tcaccacccc	1020
agttattgtg	acccacggtt	tccacccatc	agcctcctgg	ggtctctgcc	tgtgtgaaca	1080
gtagggccca	acctggaacc	agatggtacg	gccatgccgg	tcctgcaggg	agctcatgcc	1140
tggcatgcc	tagcagcgca	gccaggctcg	aaaggcagca	aagtccctcc	ccccgctctc	1200
tgacccttag	cctttgcccc	ctgtgggaca	gaggaacagg	cagagatcag	agggcaggct	1260
caggttggga	ggagtgggga	gcctgggttag	acctggccca	gacctcagct	acacaagctg	1320
atggactgag	tcaggggcca	cactctccct	cctctgggtga	tgtgacctca	gctgggtttct	1380
tcccactcgg	ccatgggttt	cccatcctgg	agtgggatta	agaatccttg	tcctggccct	1440
gtgcagtggc	c					1451

<210> 6925
 <211> 2727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1546)...(1804)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6925

cggacgcgtg	ggcgccacc	aggaccccag	ccaggccacg	gggacaacag	gcagcagcgt	60
cagctgcaca	gaggagaaaa	agcatagcaa	gtcacagcaa	ctgaaaaaga	tttttcaaga	120
gtatggcact	gttggcgtgt	cattgcacat	tggaatctca	ttaatttcct	tgggcatatt	180
ttacatgggt	gtgtcaagt	gtgtggacat	gcctgcaatc	ctgctgaaac	tcggatttaa	240
agagtccctg	gtacagtcaa	aaatggcagc	aggcacaagt	accttcgtgg	tggcctatgc	300
aatccacaag	ctgtttgctc	cagtgagaat	cagcattacg	ctagtctctg	tgcccttgat	360
tgtcagatat	tttcgaaaag	tgggattttt	taaacctcca	gctgcaaaac	cttaatgaac	420
tcttcagtcg	tacacactga	aaacctattt	cttctaaatt	acatgatttg	gattggtttt	480
agggtttttag	ggttgtagg	tttcttttgg	agaggtaggg	ggctaattgc	tatgttctca	540
tggataaact	ttgccagcaa	aaatcaggct	tttgaacaat	tttaattttt	tgcctcataa	600
atthttgtgaa	tgctattcat	tatagggtct	gtatatataa	tctaaaatgt	cagcaaggca	660
tcggagatgg	gttaacatct	caaaacaaaa	tagcctacaa	atgttccttg	tgggagactt	720
tggcgagggt	ctgtgggtaa	aagcaccagg	gggttaatct	tggctcagtt	tcctaaaaag	780
cattgattaa	tttaactggc	ttttaaatat	ccccctccgc	tgatattttg	tgtcagctgc	840
ctacagttta	atatgcagcg	ttcacaaaa	agctgccagt	gctacaatta	atgaagcaaa	900
acttaatatg	taatcacaat	ctaaattagc	atcaataact	tgacattcat	tacattgggt	960
tgggggaaga	aaagtagttc	tggtatgttt	cattgatccc	cagatacctt	ccaatctgga	1020
catgatgggg	ctgattccag	atggtttttc	tgaattttca	ttaaggtagg	tcagcgtcat	1080
ttgtctctgt	ttaggtaaaa	tataaaaaac	ctgccagta	gcagtggcat	cgcttggttc	1140
ctgatgccca	tgttccagag	gaattcggat	accacaaaca	gctaagacaa	tctcagcttt	1200
tcttagacaa	tcttctatct	caaacttcag	acattccaga	attgtcatga	tgtttact	1260
gtctgagtta	aaaatcctgt	tcaagaaaaa	aaaagatttt	gtatcacttc	ttaaaaagga	1320
atattcatag	cacttgtcac	aaatagaagg	caaccatgag	ataatacaag	ccaggagagag	1380
gcttgattta	catgacaggt	gtaattagtc	tgctgagcca	gctttacca	atgaagggca	1440
tatgtgttag	agagattagc	taagagtaga	aattcgagca	tagaggccag	gtgcggtggc	1500
tcacgcctgt	aatcccagca	ctttgggagg	ttgaggcagg	cgtgtcactt	gaggccagga	1560
gttcgagacc	agcctggcca	acatgatgaa	accccgcttc	tactacaaat	acaaaaatta	1620
gccgggtgtg	gtggcacacg	cctgtagtcc	cagctactgg	ggaggctgag	gcagcattgc	1680
ttgaaccocag	gaggtggagg	ttgcagttag	ccaagatcac	accactgcac	tccagcctgg	1740
gcgacagagg	gagacactgt	ctccaaaaga	aagaaatccc	agcgtagatc	caaactgaga	1800
cactgaggct	tcgtccttat	agtagtcagg	agcaggcgat	tgaagtaatt	ctgtcctgcg	1860
gggttcagca	tcatgcacgt	tccccctggg	ccattctctg	atgcagggca	cttgctccac	1920
actctgggaa	cccagattca	ccagtctgcc	ctgtcacgta	gttgaaggag	ttgcatttat	1980
ctttctggct	cctaattcct	ttaaaattac	atttgttgca	gaacctccac	aaggctaaat	2040
aaaattacat	ttgtgacct	cagagaactg	aataaaccat	taactggcca	tcttggtttt	2100
gcagagatca	ggttgttgac	agttcctggg	tgacccacag	ctacccatgt	cagttatctc	2160
cactaacata	tccaagaatc	ttttagtagc	aatttctcca	cctgcaagggt	ctttcaggta	2220
gaactcttct	tttaaggcaa	ttagcccat	gccaaaagggt	tttactgtct	ttaaaggtgc	2280
tttctgagat	ctaattccaa	ggacttctcc	acagctaagt	gagatgcctc	acaccattag	2340
gtgatgcttt	ggacagaaca	gagtattttc	atcttgtgtt	taaagcaatt	ccttggtctc	2400
ggctcctcac	cactttctat	gccagtctcc	catttatgtc	cctagtaatg	cctatgcaaa	2460
aaaaaaaaaa	ggaaaaaaaa	gaaacccggg	ggggaaaccc	tacgggttaa	gggcttaaaa	2520
tctccaactt	tggttaggag	taacaggagc	gtgctgagcg	ggcaagcaat	aaaacaaatc	2580
ataccaaaaa	gccacattgc	tctctcctaa	gccccaaacc	cactccactc	ctgtggccag	2640
gggtccaaac	agaaaataac	cggagaagac	aaggaggtca	aaggatcagg	gaactaagca	2700
ttatgtgaat	tcaccagcaa	gatgtac				2727

<210> 6926
 <211> 699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (478)...(247)
 <223> similar to gil397275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6926
 ccccaaaaaa taataataat taaaaatcta cttaacctgt aaaccgggggt agaggcgcgg 60
 atttcccagc tgaaaccgac tgcctttcac tgcaaagggtc tgttacatcc cagcgctgcc 120
 caccacccaa agttaacacc aaaggaggttc aaaactcctc aagagtggcc cacagaaaag 180
 gcgggggact tcagggtttg ccaagatccc aggagccggc caatcccgat tctgcagact 240
 gttaggtccc ccgacttttt tgcacacctt ccctctgggtc aaccgaataa tatcccctgg 300
 ctgtataaga cctccgatct catcccacac ggaaatagtg atgctgcccg ttttatctgc 360
 tactttgcac gatctcactt catggccgtc tttggttttg gtcacgcgtc ctatctccag 420
 gacaataaag acgacattta agttttttcag tccgggctta atatctctta taaaaataag 480
 tgggtcggtt accctattca tattgggaca ggcgcggtta cggctgcgga gacgcgagtg 540
 ggcagggcgg ggtcaaagct tcccaccctc ccgggacagg ggcgaaggca gaggggacgac 600
 cttgggcagg ggtggcgaga gaaggggcaa gaaagccgtt agtcagggac cgggcaaacc 660
 agccccgaca gcactgagcc taaaaaaaga aaaaaaaaaa 699

<210> 6927
 <211> 1555
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1456)...(1281)
 <223> similar to gi4049785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6927
 ggaattctga gaatggatat ttatataatt ttagagtga agaagccttt ctttgtgtga 60
 cacctatgga aaaaaacaga aagaaaggat ggatggaatt tgactgatta aaaatgctaa 120
 actcctatat agtaaaaaat aacaaaccaa attgagaaaa caatatatgc tacaaaaagt 180
 atagatctca aatacatatt aagagcttaa acatcactac ttttgggaca tttccatgat 240
 ctacaatccc cttctcaacc aagtgtttcc atttcattct ttccttattg aacgttttca 300

ttattgcttg	tttaattgcc	tgtttatccc	tattaaattg	gaagtataag	aaggcagcaa	360
ccatgtctat	tttgcttatt	ggtgtatcca	taacacctaa	cacagtgcta	cacaaagcaa	420
atgctgaaaa	catacttatt	gaatgagtga	ataatgaatg	aataaatgac	attttataat	480
tcaaggagaa	tcaaactttc	caacagaaaa	ttggaccaag	aacacaaact	ggcaatgcac	540
aataaactaa	aataacctac	taataataaa	tatgaaaaag	tgttttaata	tactagtaat	600
aaaaaatgca	agttaatatg	atatattcct	ttttatatgt	cagaaaaggca	aacgggtataa	660
agaattaaaa	ttcccaggga	caaaaaggaa	gtacagaaat	aaacctctta	cagagtcaac	720
aggaatgtaa	attgattcca	cctttctgaa	aaaatatatt	ggtaatatag	ttttcctgca	780
tgcttagtaa	ttccacttta	gggaaattct	cctttaaatg	ggtcagaaaa	taaaatgagc	840
taagatgtat	ttattcatta	ttcaaaaagt	atatgcaaga	aaggatgttt	atagcagcat	900
tatttggtata	agcagaaaaa	tgtaaataag	cctactttat	agggttgggt	aaatatggta	960
catcctttca	atggaatact	gtgtaccagt	taagaataag	caccatatgt	gtattttattg	1020
aaatgtacga	gctatatatt	tagatgaaaa	aggaagttaa	agaggaatat	ttatagtacg	1080
atcccttttt	aaaaatatat	gtatgcatgt	gtgcattaaa	gagtctgaaa	ggatacttgc	1140
caaagtgtaa	aagcattttat	ctctgggagg	tgagatttgg	agcaattata	ttttcttttt	1200
gcatacttgt	aacttctaata	ttccacaat	gagcatgtag	tgtctgtaaa	atttttcagg	1260
gaataaacia	tgatgttcac	aatatatatt	aaatgaaaaa	cacatgttat	aaaacagtat	1320
gtatagtatg	acacaatat	tgtaaaaaag	aaaattatat	ataaatatat	ctatgtatgt	1380
atatatatgc	ataagaaagc	tagaaggaca	tacactaaaa	tgtaaatagt	agttatgggt	1440
agtgggatta	tgggtgatta	ttttttcttt	ttgcttttct	gtgttttcta	atttttctac	1500
aatgaacatg	tattacttgt	gtaataaaaa	ctaataataa	aagttttaaa	aatg	1555

<210> 6928

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (739)...(451)

<223> similar to gil771513 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6928

tttttttttt	ggtagttaa	acagaagggt	tcaataaaat	cgacagtctg	ataacataat	60
acccaaaagt	ccaagtttcc	attgaaaatc	attcatcata	ccaagaacca	ggaaaatctc	120
atactgaatg	aaaataggca	gcaagcacac	actggcaata	aaatgagaga	agcgctggga	180
ttgtctgaca	aacattttta	agcaagcaag	cctgatgaaa	atgatttagc	gagtaattat	240
gagcacactt	gaaataaatg	gacaagtaga	aagtcttagc	aaataaatac	aagacttaag	300
ggagaaccaa	atgaagtatt	agaagtggaa	aaatacaacc	accaaataa	aaagtctggc	360
acataggctc	aacagcagaa	tggtgggtgc	agagcaagga	aatccatcca	ctgccaatga	420
aaaagtagaa	attacacaat	cttagcaggg	aaaaaataga	ctcggggaga	aagtgaatag	480
aacctcaggc	acctgtgaaa	ctacctcaaa	aggtctcact	ttcatgttgt	catctatgtc	540
tggaggggga	agaggaagag	gacaagcctg	aaaacataaa	gaagtaaattg	gctaaaagct	600
ttccagaggt	ggcaagagac	ataaacctat	atgcttaaga	agctgtgagg	accccaata	660
ggataaaacc	caaagaggtc	tatggcaaga	cacgtgaaaa	aataaaatgt	tggaaactaa	720
agacaaagaa	aatatattga	aagcaacaga	gaaagggtgac	accttaccta	gaaaggaaaa	780
acaattccg						789


```

<210> 6929
<211> 1344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(88)
<223> similar to gi829149 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6929
actctgttga ccaccgtgaa gttcaggtct taagccaaag catgccactc actccgcacc      60
aggcagtgtc acgtggagag aggccctaca tgtgtgttga gtgtgggaag tgctttggcc     120
ggagttccca cctccttcag catcagcgta tccacactgg agagaagccc tatgtgtgca     180
gtgtatgtgg gaaggccttc agccagagct cagtccttag taaacacagg acaattcaca     240
caggtgagaa gccctatgag tgtaatgagt gtggaaaagc cttagagtg agctcagatc     300
ttgctcagca tcacaagata catacaggag agaagcctca cgaatgtctt gagtgtcgga     360
aagccttcac tcaactctca catctcattc agcaccagcg gatccacacg ggagaaaggc     420
catatgtgtg tccgttgtgt gggaaagcct tcaaccatag cactgttctg cggagccacc     480
agaggggtaca cactggggag aagcctcaca ggtgcaatga gtgtgggaaa accttcagtg     540
tgaagaggac actgctgcag caccagagga tccacaccgg ggagaagccc tacacgtgca     600
gcgagtgtgg gaaggccttc agcgaccgct cagtcctcat tcagcaccac aacgtgcaca     660
ccggggagaa gccctatgag tgcagtgagt gtgggaagac cttcagccac cgctccacac     720
tgatgaatca cgagcggatc cacaccgagg aaaagcccta tgcattgtac gaattgtgga     780
aggccttcgt tcagcactca cacctgatcc agcaccagaa agtgcacaga aagtgtgtgac     840
ccatggctga cacaagaatc cattctcaca gaaactgcat gtggaaccac aagcagcctt     900
cagcccaaga gaagtctctg ttaactctat aggaagcttt tctttggcga ttcagtggtca     960
caaaataact ccagaaagaa gcacttagcg tgctgttcct gtggaaaaaac ttcagagact    1020
acctgtttta ttttcctcaa catcttgaag ttatgttggg gagtaatcat acaattgtag    1080
agaatttttg taaaaaacag ccataattct ttaacattag tttatttgaa ctaagggaat    1140
ttaaggcata agaaccatta tccaataaaa atcttacatt ccaaataaag ttctttttct    1200
aagaacatta catgcccttc ctaaatatca attaaccata ctaattattg cacttaaaat    1260
ttgaaagtcg gactattttt cagtattctc ttaaaagact aaagtattgt atggataaag    1320
tgatataaaa agataaaaaa aaaa                                     1344

```

```

<210> 6930
<211> 1151
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1152)
<223> n = a,t,c or g

<220>

```

<221> misc_feature
 <222> (850)...(744)
 <223> similar to gil947086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6930
 tttttttttt ttacaagatg ccacttgcat gatgctgtgg gtgccttttc attgcaatgc 60
 ctccatttca gatgtgagaa agttctgggc ctgtagggca tttcaagcct aggtgtgtat 120
 gggggaggag gggatagatg ttcatttatg caccagatcc tcagatcccc gaggtgggtt 180
 gcggggaagg cccagggagc tgatggataa agccacagct tcagtcctgg cagagttcac 240
 tgccaggaat ggctgctgac tgcggggcac tgatgggtgg cagccagggc cgaggtgcaa 300
 acttcttccc acaaggagtt ccagggtgtt agtggcagcc agttcctcag ttaatgggtc 360
 acctgctgct gcggccactc tctgttgatg cagtaagccg gttgaggggc gtcaaggggc 420
 tggacaggac accccgcaaa ctttccagcc attcctgctg ttccttctca ctggggcaag 480
 tgaggacaaa tctccgctct ggggtgacaa tggtagtcc ggctttccag cgatttcctc 540
 ggatgccctt gggcaggctt tcgtaggctt catatccctg ctcttgttcc ccaagaaaaa 600
 cctggccctg ctogaaggca tccagtgggt tcttgtaata gagcagcctc cgctcatggc 660
 aatccagggc gaaccacctt ttcttgaaag gttctttctg ctttggccca gtcttttcca 720
 tgaagccttg tttgaggtag ttcttggtga ggaatggcac gagctcagac tctgggagtt 780
 caggaaaggc catttttagg tactgcagac gggctgcacg gagggcattg aaccagtcca 840
 ctatctcctt cccactttca tgatacaaaa acagggttct ggtgtggcca tctctcctgt 900
 aggtgatctg cagcccatgg ggggtgccct tcttctctgt ctggaagggt gcattcaagt 960
 ccttaatgct gatgacagct ttggggcttt taccctgttc ctttgtgaag tacttcagga 1020
 ggccttctct tgccagaagt acaaacttcc ttctcagaaa ctgtgagttg tcccttcctc 1080
 gcttccacag gaatccttct cgggaattcc accacactga ctatggtcta cgatctcaat 1140
 nnnntcnccc a 1151

<210> 6931
 <211> 1205
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1206)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1037)...(974)
 <223> similar to gil870014 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6931
 cctcagtctc ccaagtagca gggattacag gcatgcacca ccatgcctgg ctaccttttg 60
 tatcttttagt agagacaggg cttcaccacg ttggccaggc tgggtctcgaa ctctgacgt 120
 caagcaatcc cccagcctcg gcctcccaaa gtgctgggat tataggtgtg agccactgca 180

tggtgatgtg	gctggctcctg	gtgccttgga	agccccgga	aggagcagtc	tctctgtgcg	1200
ggcctctctt	cttgggtccca	ggggctggga	taattcagga	taaccttctg	cacaggggtgc	1260
aggcctctca	cactggctcc	aggcaggggc	tgcccaggca	gagccggctg	gatcacttgc	1320
tggtaggctg	ctcgagggtg	gtcatggcca	tatggcacct	ggtgatcggg	acttccagga	1380
caatggtaat	gatatgtcca	tggagcatgt	ggggaaagat	tgggaggcag	catctgtgca	1440
catgctggat	acctctgagg	ttcaaactga	gggaactccc	tggacctgag	aggtctgggg	1500
aggtcctggg	ggtaacacac	ggaggtgagg	ggcaggggcc	tttccagctg	cctgatgccc	1560
aggacatcct	ggggctggga	atcatatccc	gtgtctatgg	ttggcagatc	caggcctgct	1620
cggttcctgt	gaggctgggg	ccgttgccac	atctcctggc	taccgcccga	ggagtctgct	1680
gaggcattag	gtaaactttg	gtctgatttg	tctgagtcac	ggccagtgtc	aggagaagcc	1740
gctgaaagct	gagataccag	ccattgatta	cgtttttcca	taaatgaaaa	ctgatgctct	1800
gcagggaggg	ctccaaccac	agactcagac	gcaggctcgc	tgactgcaga	gcaccagaa	1860
gggaaagctt	tgcccaggcc	tgggtgtctc	ctgcagaaac	tgtcttcact	gtcctccaga	1920
acttgagtgc	gcaggcaggt	gacctgccgg	gatacaggcc	gctggtgatt	tgcaagtttc	1980
agggttgagt	gagcttgaga	aaagtctccg	gaggaattgt	gaagcattgt	gggtgcagac	2040
aagctgttgg	gtgccatgtt	ccttatattt	ggagcaggtg	gttctgattc	ctcttccggg	2100
gaatattctg	ggattggttt	cagcaactga	cttgggtatg	gttctgattc	atcaacctcc	2160
acaggaatgc	ttcggttcat	tctagtttct	tagatccacc	acggacagac	agactgggcc	2220
cggagggtag	tcggctctcg	gcggcttctc	gtctccctcc	accttctccg	ggcccaggta	2280
agtagaagaa	caggctctga	agcaggaagt	ggaagctgta	tgcaaatttc	tacggagcct	2340
aggaagcctc	tgctcaaaat	ct				2362

<210> 6933

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1268)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (860)...(637)

<223> similar to gil054887 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6933

tttttttaaat	ttcaaaatgc	agaattttatt	ttagcaacca	atttttcctaa	cctccccaat	60
gaataataaaa	ttaaccaacg	aaagaggagc	aaaaattatt	ccatttatta	tagaaaattg	120
ttaaacatct	ttctataata	aatcatgagt	aaagtcaaaa	gtaaaaactg	aatgtataaa	180
caaattggag	ctgaaagaca	aggagaacaa	gattttatagg	atgtggtcaa	agcaatgaaa	240
cggagagatt	ccctgattcc	ccttgccagg	cgtgcgacag	ggnggtgtgg	ctcacctgtt	300
cagtagcccc	ctctgcagaa	accccttgcg	agagggggag	cacgcagatg	ggcaagtgca	360
gaggccgggg	tgagggtctt	gggctctggc	tctgcggtag	cgtctagagg	tgggtgcctg	420
caaccccagt	gttacaaagc	tctttcagct	tggccaccac	agacagctgg	agtgttaacc	480
agctcaatgg	accttctgct	ttttcacaag	ggcaaaggac	caggggacag	ctttctgtat	540
tccgagctct	tttccagaat	ccaggaaaaa	tcgggtcaca	cacggacttg	aaggatgaat	600
gcgaggtttt	attgagtggg	ggaaatggct	ttcagcagga	tggatgggga	gctggaaggg	660

```

tgggggatgga tgaagtggga aggtgatctt cccctggagt tgggccgccc aggggctgga 720
ctccgctctg actgccccga gccaaacatc tctcgggtgtc cagacgtccc tcctcttctc 780
tctttctctg ctacgtcggt ttgccgtcag tcgggttgcc tcgtatctcc tcacctgctg 840
gtatgctctg gaggttgggg tttgggggtt atatgggggc aggatagggg gcgtggtggg 900
tcaaaaggca acttttttggg ccccaaacag aaacgcctct tctcatttag ggccgcgggg 960
atccaggctt gaggggtggg ccttagccag ggaaccgccc tcttctactc agtatttccg 1020
tctcctgttc gtgtcagcaa tacacagaag aaaatccatt ccttatctca ctaaatgcag 1080
aaactactgg gagtgaggct gccataaatc tcttctggag aattttactg gccataaaga 1140
agacagagaa gaccgcttgc acctcgcccc cggtccgga agcggctgcg gccccgaccg 1200
gaaagcccc agcatcgccc gaaggaatcg cgactggcat gcggctccgg cccggcctcg 1260
ggtacca 1267

```

```

<210> 6934
<211> 1135
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1136)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (555)...(1072)
<223> similar to gi5732934 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6934
tttttttttt ttctgggtgc aagaggttta tttgggagcc atcccaggaa gcccaggcgc 60
ggggagtggt gaagagaggg aaggagagag ccccgagga agtacatgaa tgagtgggtt 120
actgctgcgg gcaactggga ctccatcctg ctgggcatcc tctgagagtt tatgtagaat 180
acacttcaga attgtcctgc tcaaggacaa tgaagctgag gtctgtctcc ttattgactc 240
agggttgctg ctctgggga cattaacccc ccaacacttc tagcttgccc agtgactga 300
ctgagcacac agctgtggcc accagagaac ctctttgggc tgtgatacag gaaaccatcg 360
gtgtgcatgg taactctcta gcagtgtcct tcatgcccgg acatggggac acgggcaggc 420
actgctggca tctgctaacc ccggaggccc atacttcaga accggtcagc tgggccaaag 480
cctctctaag gccccagcggc tctcatgggc aaatgtcagg tgacacagag tcagagaccc 540
tggccaagga ctccccatcc ggagaggtcc cagagggagg ggcgaggtgg cctctggggg 600
gagctgggag gtggggcagg acttgactca ggacaccacc ctctcctgca gacactgggc 660
caggtgcctg tgccgaagga cccggggcat cgcagggggg aagggggagg aggggcaggc 720
agcgagggct gcccgagtg ctcggaaggc tccctgcccc accaggtgga ctctggcagg 780
gccacgctg cccagaacc gcagggactt gtagcgggga gaggcttcct gaaggcagt 840
gtccagcttg tctcgatttt cctctgacag attcctcagc cccctcagcg ccacaaacac 900
ctcgtagtgg ggagcagagc ccgcagagga atccagaatg ctgctctcca cacagccatg 960
gtccagcagc ttggcccccg cccactgccc cactgcccgg cccagggcct cagagaacag 1020
gtcttcacca atatcttccc ctgcacact caggggtctg tccagcctgc agatgaacct 1080
gacgactgga cactgatgta ggaattccnc gncnctgngc tagtgaacta cgatg 1135

```

<210> 6935
 <211> 2204
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2178)...(334)
 <223> similar to gil88684 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6935
 tttttttttt ttggattcac actggtgtct ttttattgga ttttccgtgg gcaacctggg 60
 tgcttcgagc tccgctctgg ggcagtggga gctgcccac ctctcccagc gccttataac 120
 aactgggtcc tctgctcctg ggctcaggct gctgccttga gataaaccca gttttccac 180
 tgcttcttct ttcacttgtg ccaggctgcc cagccagggg catggcccgg gtgtcctggg 240
 tagcaggcac tagttcagag ccccttgcca gcagtacctg cctgtttag tagccctgtcg 300
 actccacagt gtacacaaca ccatgggctg gcctacagct tgggtgttag gtggaagaag 360
 tggggcgctg cataggttgt gactggttgt gcgtgccagg cagatgaggc cgggcaaagt 420
 ctgtggcgga gggcactgtc gaaggacgtt ggggggaagt gcatcaggcc agcggccatg 480
 ggcgaggggc ctgcggtggc cagggaagtgg gccgggaagg ccgggatgac cagggggctg 540
 aaggggagtg cagcctggcc cttcaagggg cccgggggtgc cagtgaagt cagcgggcag 600
 tgcagcatgg tgcccctgta ggccctctgg ggcacaggcc ccagggtgg gcccagaagg 660
 caggagacca ggcgggacc tgcaaggttg gccccacact tcttggcatc cgccctctta 720
 agaaaggagg acacggcccg cagtctcttc ccactgtgg cagcacctc ttctccagg 780
 ctgcgcttgc tgcccaggcc tgggctactg ggggaaggtg gcgggagcgt ggggctctcg 840
 gctgggacct tggccatggg ggacacccag caggcttttg gcttggggtg gaggatgcc 900
 tttctggagc cacctttatg gaacgcagaa gggcggttag cgtctccgcc ccacaccagc 960
 tggggctctt tctactgacag cccctctttg ccaggaggcc ccaatagcac cccatcttta 1020
 agtctagaga agaagtcctt ggggtgctgg ctgacaggct tcagcacctc ggtgggggtg 1080
 gtgtagaagc agcccttgaa gatgggggct gccgggcagg ggccctgctg cgccctctct 1140
 ctgaggctgc cacctggggc ctgcaatccc tcttgagggg tcagccggtg cctggagtct 1200
 tcagtacagg ctttggggct ctggggactc tctgggaggt gaacagctgg ggacgcctgg 1260
 ggctctgccc catggcggca gccctcctcc tggcactgca aggcctccac cttgctcacc 1320
 tgggccaggga gcttcttttt ggccagtggg gacatgatgc cgtgtgtccc cttgcagtag 1380
 aagctggata ggagccgctt gtaggcctca ggacagccgc tggcacccac aaaggacaca 1440
 gaagacccag aggcaggcc ctgctgttct gtgctgttcc tggggggctc ctggctggga 1500
 agtgggtgct ggtcagcagc atctgctttg gtctttcctg gcatcatctg gtccatgcgc 1560
 cgctcctcct tggccttctt cggcctctcg gtggcccat catccccct gttctcctta 1620
 gccatcttgt actgtttcct gggcttggag gtgggcagcg gcttgtcatc ctccccctt 1680
 aggtgccgca cgtatggcag gaccagcctc tagtagtggc ggcgcgtgca cgtggccccg 1740
 ctggtgctgc ctgggctgcc cccagctcg ttgtacacgt tcttccagag gcggcgcccc 1800
 gtcaccagct cataggcccc cagcttctcc actgctttgt agatcttcca caggttaatc 1860
 tgcttgaagc cgagatgggg caccctctcg atgggcgtgt gtcgctcctt catgaacttg 1920
 tagaggctga ccagggaagg ctgctcctcc tcccgtcct gtcctcctc ccgctccccg 1980
 cctgcctcgg gggagtctc cagcgagatg gggttctgga ttccgttctg cttgccagca 2040
 ggtttggggg atgcagggtg gtctagggcg tcaccctccg tggactgctt cctgttccct 2100
 ttgacagggg ctgcatggc ccggagaggt cctcggcaa acgccccgag accctcagcg 2160
 cgcggtgtgc cggaccggct gcgtgggtct gcccggaat atcg 2204

<210> 6936
 <211> 959
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (505)...(834)
 <223> similar to gi296594 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6936
 tttttttttt ttccaggctc aatattcttt attgataagc attagtgaac cccttgccct 60
 gggagctcag ccagtcctgc tctcagattc ctggccttag gtgggagagc atcttttcct 120
 catggatcaa ctgtccatgt ctgactgtgc ctaacttgcc agatcatggg tcagggagac 180
 aggcagcagg tattggaagg tgatggccag gtccttttcc ccagtgaacca ctctccatct 240
 agaagcactc tgcttcagct gcgcaggctc ttccggggac tctgggagcc tgctggtag 300
 atggaggagt tgagcctctg acacctccag gttctgcctg ccaaggggtc ctccgcagcc 360
 gggctgagct gagcaggagc aatgggctct cgcttctgtc ctgagggttct tgggtggtga 420
 gcaagagagc taagggcagg aggtcttacg tgggtgcctca taggggatag agatgccaga 480
 gactgcaactg gaagcggggg tctccggggg gggctctcag cacctgccac acctctgggg 540
 gaggtccaa gcccatctgc ttggcccgcac accagcgctg cagccgtgtg atcccgggtg 600
 agggcccgtg ctgccaggcc aggtcaaact gcctcagcag ctccagctcc gcttcctcct 660
 cgtcgcgggg ctggggctcc tcccctagct cgggtgccag ctcccccttg ctgtgccag 720
 cgggcccctc cctcctcttc acaaccgggt aggaatcagt gatgagccgc ttccggccca 780
 tggcgccac ccaggcaggc agagaaggag gcaactgcgg ggaagaggag agaccggcca 840
 gtgggcgcga gaaagacagc tgctgagaga gacagacggg gccaggccag cggcgggcag 900
 acaagatgat ccagccgaat tccaccacgc tgggtctagat gtcgtcagtg gggttcaat 959

<210> 6937
 <211> 1663
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (513)...(1427)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6937
 ctctggccac tgaaaaactt ctactataa agcatgtatt caaggattac caatgcaaat 60
 gggcagcaat taacctggag accccatgcc tatggcagtc tcaagaacgg aactagagat 120
 gctatgtttg aaaatcgacg catgattaaa gcgatacttc tggaagcatg cagggcaggc 180

```

ggccccggcca tgacgcacag actctgtaca gccctgcaga cctcagccac catgctaaca 240
ggcgacact tttaccatgc aatcaagggc acgggatcag ctgctttggg aagacttatt 300
tccacccct ccagtctctc aggctggagc gcagtggcgt gatctcaact cactgcaacc 360
tctgcctcct aggttcaagc gattcttctg cctcagcctc ctgagtatgt gagactacag 420
gcacgcacca ccacgcccag ctaatgtttg tttttttagc agagatggag tttcaccata 480
ttggccaggc tgggtctcgaa ctcccgatct cgtgatctgc ctgcctgggc ctcccaaaga 540
gctgggatta caggcgtgag ccaactgcgc cagccaggaa gactttcttc atggcaaaca 600
gtgggttctt tcaggggaca tttctgtaat gtacaaaaga acctgcaaaa acaaaagcac 660
ctagggagac agaagactgg gaaaggccca tgaagggcag agctctctca gtaatggagg 720
aaactaatag gactgctgct aatggagccc caggtgagcc ctgggattgc aaggccaccg 780
ctggcacagg caaccatgct tgtgtggagg tgcaggcgtg agcccttctg caagggggct 840
ctctgccagc acccatgcag ggctcagaag ggggcctggc tgtggatctt gctgggttcc 900
agcagcacag agggcccactg gcctctgacg caacatacgc ctggggaagt gtgcaggccc 960
agcggagaca gaactgccaa gagtctggag tcacggtagt cttcagactc gtccaggatc 1020
tcggacctga tgatctctc gatcacgtcc tccagggtga ccaggcccag gacctcgtag 1080
aaggggtcgc cttcacctc gttgttcacc ttctgcacga tggccagggtg ggacttccct 1140
gtggggggag gacactcatg gaacagcttg ctgggcccc cccagtttga ttcattctcc 1200
ctggtatagg cccacaaaaa ggacacggct aacgttcatg ctctacaac gtgccaggca 1260
cagagccaca ctcttttcta ggtttttact taagactccc agcgtgatta tgagaactgg 1320
ccttattttc acacagggtg aaaatgaagc agtgggctca tgcccatctg cacaaggccc 1380
cccaggcaga gctggcagag ctgggatcca gctccaggtc cgtgcacctc catgacatgg 1440
atgcagttta gacaaggatg cctccctcca gtggagaaca caaatgcctc acacatcagc 1500
cagcctgcac atgcaggcta acaagggcac tgactctgga aacacaggct ctctgcgac 1560
agtccacacg gggcagctga gtggggccac ccagcctgac tgccttggg aggatttcct 1620
aagtcttttt cttcttaaag taaatatata tgctgtccat cct 1663

```

<210> 6938

<211> 1237

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1238)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1225)...(947)

<223> similar to gi2634208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6938

```

tttttttttt ttgccaaga aaacagaagc tctttatgcc aaatcacaag gacagacagg 60
ggaatgtggg ggatggacag gagggagggc ctgggcaggc tgccctgcctt ttggcacctt 120
gtgccagggc gagttcccg acccatccag gagctcttag ttcgttcagt caattccttg 180
acatttgatg tgccctggctc agaactgggt gctggggaca tctaggtgca taaagccagg 240
ttgcattctg acaggagaga gtcaagccaa cgggccagga caggcctgct gctttattca 300
cagattttaga tgtcgttcca tctgctctcg aagtttgaat ttctggatct ttcctgaaat 360
ggtgaggggg tagtttgtga caaacacgat gtacttcgga atcttgaagt gagagatctt 420

```


0044632 0044633 0044634 0044635

```
<220>
<221> misc_feature
<222> (1)...(1831)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1663)...(1429)
<223> similar to gi288145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

5606

agatggctga	agagtaaadc	ctttctaccc	ctggctgaag	gagtgggtgca	gtcaatgact	1140
tggccctttt	tctacagcac	atttagagtt	tgggctctgg	ctccctcagt	aagtgtttta	1200
ttaactcagt	gtgtcaaaat	gaaaacagag	ccctccttcc	ccagtagctc	agtgccacag	1260
accttcagcc	ccacacagct	gtagctatcc	ttaccctgag	tccatctacc	ttaaatctgt	1320
acctctgaca	cccagccagt	ctgtcataat	cattatccca	gttataacct	tgaccaaagg	1380
ggaagagaga	cacttggggg	atatctaggg	gatgagtgc	agaaactatt	tatttatttt	1440
tgagacagag	tctcactctg	tcacccaggc	tggagtgcag	tggcatgatc	ttggctcact	1500
gcaaactctg	ccttttgggt	tcaagcgact	ctcgtgcctc	agcctcctga	gtagctagga	1560
ttacaggtgt	gtgccaccat	gcccgtctca	tttttatatt	tttagtagag	atgggggttt	1620
gccatattgg	ccaggctggg	ctcgaactcc	tggcctcatg	tgatcagccc	accttggcct	1680
cccaaagtgc	tgggatttca	ggcgtgagcc	accacacccg	gccaaaactg	tttattcttg	1740
agaagtcca	tcttcatttc	ttgccacagt	tgggaacttt	cccaggaag	ggaagggagg	1800
ccttgagggg	tttnggacaa	tgttggtttg				1830

<210> 6940
 <211> 1470
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1005)...(450)
 <223> similar to gi5668701 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6940	
ggccacgttc	ccgggtcgac gatttcgtcg ggggatgaga cacaggggag ccgaccagat 60
gagggggacc	cagaacggaa ggagagtcag gctgggaaac aaggtaggag aagaggggtct 120
gtcaacatgg	gggcctccgg aggggtgtcag tgggaggagg gggcaacagg acacctgaag 180
gatggaagg	tcaggaggca gacacctgta agaattgtc tcctttactg agcacctccc 240
atgtggctaa	gcagcctcct gtcactcaac accctgcgac ccatacatt tactgtcccc 300
aatttacaga	tagggaaact gggcccagag ggaccccag gtcctagaaa ggacagaagc 360
ggtgccatgc	ccttagctggg gtcagctctg acagtctcta gagtctgtgc tcttgaccac 420
tgtgccatcc	tcccccatca ctgggtgtcc ggggtgtgga tgggtggtgat gttggaggca 480
gagtcctca	gcactccacg ccgtagcggg cgaagttgcg gagcagcagg ccgatctcca 540
ggtgcacgg	gccaccagca gctgtgtgca ggcgatagcg gtcggcccca ctgtagatgg 600
tgtcccatg	cagcagctgc ggcccaccac ccacgaaagc ccgtgccaac tgttctcgcc 660
aactgcccag	gggcgcgccac gtggggcagg ccagctggtg ggtgcccggg ctactgggca 720
catggcaaaa	tccatagcct gcaagctggc agcggccaaa gctgtcctgg gaccacacct 780
ggaaatggag	ccggggccag ccttgaagac ctttgggtggc gaagtgcagg tcgatggggg 840
gggaccagta	agccatgtcc cctatctgcg ggggtgtccac ttgcgtttgg ccctcccga 900
cgctgacag	gagcttccat gccgcccctg tgtgaatgcc ccacttgag aagaggctac 960
tttccgagaa	accgctggcc cctatgatct gccgatcac gtgcacctca gccatggccc 1020
ttagcgcact	taacggttag gagaggagaa agcggcaacc ggggtttagg ttcattgggt 1080
tgactgcttc	ttttctccgc gggcgccgac caggcctggc tcgcgcctct ccaggagccc 1140
gcctggctgc	gagatatgta agccgcgata cttccgcgac cgcgctcgtc ttggtttccg 1200
tggttgttgc	tggggcaaca gcaggctcct cccttagctt tgtactcgct ctgcgcgcta 1260
ctaattgggt	ctagccgtct gcggggggcg ggggtgaagc gtgatggaca ttttctcct 1320
ccgtccatt	ttgggaaaat agcgtctctc cagctacggc aaaggggtcc gccattttgg 1380
gcgtggctag	gaagctgcca tgttgagtgt ggctgaggaa gtttgagtgc agtttctccc 1440

agataccttc tttaccaaaa aagcaaattcc

1470

<210> 6941

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(382)

<223> similar to gil340174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6941

aagctccac	tgatgctctc	tgaccagcg	tggtggaatt	cggctggcag	tgcgggcaga	60
gcccggtga	gaggggcggc	cctggaggag	acggagggcg	cggtggggcc	cgagggcga	120
gaggaagatg	aggacgaaga	agagggcgctg	ccgcactccg	aggccatgga	cgtgttccag	180
gaggtctgg	ctatggtggt	gcaggacccg	ctgctctgcg	atctgccgat	ccaggttact	240
ctggaagaag	tcaactccca	aatagcccta	gaatacggcc	aggcaatgac	ggtccgagtg	300
tgcaagatgg	atggagaagt	aatgcccgtg	gttgtagtgc	agagtggcac	agtcctggac	360
ctgaagaagg	ccatccagag	atacgtgcag	ctcaagcagg	agcgtgaagg	gggcattcag	420
cacatcagct	ggtcctacgt	gtggaggacg	taccatctga	cctctgcagg	agagaaactc	480
acggaagaca	gaaagaagct	ccgagactac	ggcatccgga	atcgagacga	ggtttccttc	540
atcaaaaagc	tgaggcaaaa	gtgagcctcc	agacaggaca	accctcttca	tcactggtgg	600
ctgagctttt	tcccagcagg	aatgggtcct	cgaatcatcg	tgctcttttc	acagaaagga	660
cgttgtggtg	gcctcacccc	aggcatgccc	aacaggaact	gtcagcataa	acctgggggc	720
cctcaggact	aggacagggt	gagccagtgc	tccctccttt	catgtacttg	gcctgagact	780
gacctctccc	taggtccaaa	tgccctagtc	acatggcaga	cccacggcct	ggcccaactgt	840
ataaaataaa	cctgtttgct	tcttagtttg	aaaaaaaaaa			880

<210> 6942

<211> 2034

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (283)...(952)

<223> similar to gi2078483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6942

agcccactat	gcttggatcc	tatacagcgg	gcgcttgggc	gcacttgccg	ggtcaccttg	60
------------	------------	------------	------------	------------	------------	----

tcccggagga	gaaatggctt	ccctgaggca	agtgtaacct	acattcccag	cccaccagcc	120
tgacgcccag	ccagggagag	agtaccatgg	atggcatcat	tgaacagaag	agcatgctgg	180
tgcacagtaa	aatcagtgat	gctggcaaga	ggaatggttt	aattaacacc	agaaacttga	240
tggccgagag	cagagatggg	ctgggtgtctg	tttaccacagc	gccccagtac	cagagccacc	300
gggtgggggc	cagcacagtg	ccggccagcc	tggacagcag	caggagtgg	ccgatgcagc	360
agctgctgga	ccccaacacc	ctgcagcagt	cagtggagtc	ccgctaccgg	cccaacatca	420
tcctctattc	agagggcgtg	ctgcgctcct	ggggggacgg	tgtggccgcc	gactgctgcg	480
agaccacctt	catcgaggac	cggtcgccca	ccaaagacag	cctcgagtac	ccgatggga	540
agttcattga	cctctcagct	gatgacataa	aaatccacac	cctgtcctac	gatgtggagg	600
aggaggagga	gttccaggag	ctggagagcg	actactcaag	cgacacagag	agtgaggaca	660
atttcctcat	gatgcccccg	cgggaccacc	tgggcctcag	tgtcttctcc	atgctctgct	720
gcttctggcc	tctgggcac	gcagccttct	acttgtccca	tgagaccaac	aaagccgtgg	780
ccaaggggga	cttgaccacc	gccagcacca	gctcccggcg	ggcctattc	ctggcagtgc	840
tgtccatcac	cattgggact	ggcgtctatg	tgggcgtggc	cgtggccctc	atcgccctacc	900
tctccaagaa	caaccacctg	tgagcttctt	gcgaatggag	ggggagcacc	cggggccagg	960
tctgtgtgga	cgtggaggaa	gcaggcatac	cgcatgatgc	tgtacagtac	aaatgattgc	1020
caaagtatgc	cacgaagccc	tgggatttcc	taccatgga	tttattttgt	ttttatcctt	1080
taatttcatg	ttcacagcac	tgtgtagagc	accagacaga	cgggcactgc	taatccttcc	1140
aaaggaaagc	tccaaagatc	ccagcccgc	aggctgtctc	tggatggatt	ctggtggatg	1200
aatggcaacg	cggctctctg	cagcctgcc	gtgccagag	tgccaccgca	ttagcaatat	1260
acaaacagtc	caaaaaagtg	tttatttttt	atggaatacg	gtgcaatagg	cagaggacaa	1320
gggacacatc	actcttctgt	ctgtggggcc	tgctggagtc	ctttgtgccc	cccggagtcc	1380
acacgccttc	cctgcaagac	gagaatgggg	ctgggaagaa	agaggcaaca	ccacggctgg	1440
caggagcccc	gctgcaactg	tctgcagacc	cattggcctg	accctgagaa	gcagagccag	1500
caaagcccgg	gacctgcccc	tctttctttc	ccttcacacc	acccagcct	caggatgtca	1560
agccacctcc	ggaacgtgtc	tacactccac	agctaccccg	cagcaatacg	cactcttggg	1620
acctcgctga	tctaggatgg	ggaggcaggc	caccgcccct	cccaagactc	ctcaagaaag	1680
agccccgcgg	ttgctccgga	aactcgaggc	actgcagcta	tgggcactgc	ctcagcctaa	1740
agacacaggg	gcgcctccca	atcacccgcg	tggcggatgc	tcaccccgtc	ataagcagaa	1800
actagtgatc	ctggaaatga	gatgggcctt	actctgtcga	ctaaatgaat	agctattttc	1860
ttgtcatttt	ttaaagtgc	actcttgctt	catgtgctt	aagttaccag	atgaatgctg	1920
agaaataagt	aatcacagac	attttaatac	catttcattg	ctgttttacg	agtgttcatt	1980
acttaacaaa	aaattatctt	ttagcttttt	cgcttaagac	ttttctttct	gatg	2034

<210> 6943
 <211> 1755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1209)...(588)
 <223> similar to gil205993 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6943	
tttttttttt	ttattggact gtaggttttt attaaaacaa acattttctca tagctctaag 60
caaagcatta	gaattcatca agcggactca catcttttct ctgcacagag agggctgaaa 120
agggagagaa	agtcccttat gtatgtctag atttggtaaa gcgaaggatt tcagcgaatg 180
agtcactgag	gctatacacg tttgcaaatt gtaaggcact ggcgggcaga gagcacagat 240

```

aaaggacttc tgggggtcccc catcctgtcc agcaacctcc cagctcacac cttagcttct 300
accaagaagg gtgaacacag catccctgct atcttctactc agaccccaga agacacagga 360
aaccgcacag ctccactccc accataactt attaggagat aagtcacatt ttatcaactt 420
gccatcgcg ctcctataga ttatacttcg gtaaacccaa tctgtataaa ttcctttgta 480
ctttgtgcac tttaaatgcc acgattgtga atcacacaag cattgccc aa tttgttgaaa 540
gcatttttac tggaaacctca aaggcccacc atgtgggggag caattat ttt ttaataccca 600
ctgggcagga cacgccggtg cccccaaggc cgcagtagcc attgggggttc ttgctcaggt 660
actgctggtg gtagtcttcc gcatagtaga aagtctgtcc ctcccggatg tccgtagtga 720
tggggccgaa gccgtgctct gaaagaacct tttggtagtt ctctttggag ctccagggtg 780
cctccatttg cttggcagag gtcgggtaga tggccgagcg gtactgagt ccatggtcgt 840
tcccctggcg cataccttgg gtcgggtcgt gattctccca gaagacctg agcagttcct 900
caaaactcat gtgttctggc tggtagacca ctccggacgac ttctgcatgg ccagtttttt 960
ctgagcagac ttctttataa gtaggatttg aagtatagcc tcttgcaaaa ccaacttgag 1020
ttgaatacac tcctttcaag acccagaatt tcctttcagc tcccagaaa catcccattc 1080
caaatacagc catctgtgtt ccctctggga aagggttcgac tgttctgttg ccattgacat 1140
gatgtttgga tttcttgttt gcccttcaag cgaagtctgg tgtcttcagc ttgcctttct 1200
ggtcttcagt gttgtcacta attggttctg aacacattcc gaaggatgtc tttctgattt 1260
gatttgaaag caggtttgta ttgatgaaca aactttat ttt ttagaaaaat taatattccc 1320
tctaattaga aatttgcctt gccatcttct atattaatcc tgtctctcat ggtataatca 1380
tacatgcaaa aaaatcaaat atagtatttc ccaaatgcat ggacactatg gaagcttcgt 1440
tttgaaaaag gcttttattt cccttaatac tggtgactaa acgtcattgt atgtaccaac 1500
actttcaaat agcccaagag acttaaaaag ccttctaagt ttgaaaacca aaaagttctg 1560
agtttttctg taccgccagga cgggttttctt tcctgaagct caagccgaga aagcagacaa 1620
aagaagctga tttgactgag ctgtgccaa g tcttgccctt ttttctttcc tcagctctcc 1680
ctctgcctct ctctctccct ctttctctct ctcactcttt tgctcccagt atggccctcg 1740
tgccaagaat ggcgt 1755

```

```

<210> 6944
<211> 1044
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1045)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (172)...(85)
<223> similar to gil216162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6944
tttttttttt ttcaatgaat caacatactt tattagacct actaagtgcc aggggagggg 60
cctgtgccct agagccaggt tacagggtct acccgtagat tcagtctggt ctctcccat 120
catgcctctc acttccagtc tgggcttcta ataggagggc cccgacttct tccctccag 180
tcattctctc gaatggagaa tctttctca ttccagggac accaaggctc aggaaggggc 240
ctatccatca tcagtagagc cagacaagct ctcccatcgg acgtcctgtg gctggggcca 300
gaaatgggtg ccgctgcctg tgggactgcc cttccgggag gaccagggtg tcttcagtgc 360

```


caaggagctg	cgagtctagc	tttagaaaag	cccctaggag	tgtccacctc	caccacttcc	1560
accgtgcagg	cagggtttcag	gtgggttgga	ccctgtggga	cttgccgtct	gagggatgga	1620
tggactccga	gcacctctcc	cggctcagca	ccgcgcgcct	ccgcccactc	aatggactgt	1680
gcctcccaga	gcttgggctg	gatggtctcc	ctgcagagga	ccaggagctc	tgtccaaggc	1740
ctcgccctgg	gacgctggaa	gggggtggga	gggtcagggg	tccgggggtct	aggacaggct	1800
caggggtctc	agcaggttct	ccttggaggg	cctgagcctg	gtaggggggc	ggtgccctgg	1860
gcccctccat	gccccctggt	ttgttaaggg	ggacagagca	gctgctacga	aa	1912

<210> 6946
 <211> 1026
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (887)...(254)
 <223> similar to gi3342737 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6946	
tttttttttt	60
ccaggcgctg	120
ggccagctca	180
cagagtga	240
cccagctgct	300
aagtgtgggg	360
tgtgtccag	420
cagttattta	480
cagttatagc	540
tactggaaga	600
atgaggtgca	660
tacatcttcc	720
agcttctccc	780
ctccagtcgg	840
ttcacatggt	900
ccgtgggcc	960
gcccgcgcgc	1020
gtagat	1026

<210> 6947
 <211> 951
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1)...(952)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (708)...(387)
 <223> similar to gi3879776 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6947

tttttttttt	ttatgactcc	atTTTTctct	tatatTTcat	ttcagtgtgg	aaggctcttt	60
agaaacacta	ttaacataac	agcattatgt	caaaaagcgc	caataacatt	ctcaccaact	120
tttcttttta	aaggaattag	gtatagctag	actgtaaaaa	ggcaagtggg	gtgaagccca	180
aacctaagat	cctaagatct	aggatgagtc	aagacttcat	agtctacatg	agtagaggca	240
gcatctagag	gaaaacaaaa	gtatgtggct	atcaaattcc	aaagaagccc	cattttatta	300
cagagaaaat	acaaagccgt	ttcctcacag	ggaaaagtac	agtttccctt	ctccagggtg	360
acagatgagc	cttttccgaa	gttctcagct	ttctcttcta	tcgaaacttc	ccatgtcggg	420
taaagtgttt	gtagagatag	cggatgcggt	tattaagggt	gtgcagggtca	tcagcgaaca	480
ttctacttcc	aaccattttc	ctctttcggg	tacaacgttg	caattcattc	cctttccaac	540
ctcgaagcca	tatggggccc	ctgatcagtt	ctttgggggtg	cttttcaaag	tttcccagga	600
tcccgatgtt	gtcatacact	ccgaacatgg	cccttttctc	gttccaacga	tcaaccactt	660
tggggggcgg	gagagtgagc	cttataccga	tcaatctagg	cacaccaaga	gagaagcttc	720
tgcacgccag	aggcaccacg	tcccacaggc	gcctacctgc	cccggataag	agggttccctg	780
ccatttctct	agtctccccc	cttcaacagc	acaccaaata	agcccaagaa	gatgacagga	840
accgtccccc	ccaacttcac	acgagtacta	aggcgaagac	agccatcttg	ggccttacct	900
agggaattcca	ccacactgac	atagacatcg	aaantcaaan	nnnnccctc	g	951

<210> 6948
 <211> 1222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (538)...(848)
 <223> similar to gil679850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6948

tttttttttc	agcccaaaact	catgtttctca	actttatttc	ccatcccaggt	ggtggctctt	60
ctgtacagtg	gagaaagaag	ggggacccca	ccagggtctat	ggagagacag	tagaggcagg	120
actgaaccgt	cagcaaagat	taaaaggatg	acctgagggt	ggcaaccaca	aaaccaagaa	180
gccagcgggg	gctgccccct	ccaagtctca	ccaatgacct	agagcagggt	ccagagccca	240
aaggcccaaa	agtgcatttc	ccaaaagcca	agggtctggga	gccatcaagg	agctcccaga	300
gatccagcga	cgctcagagg	gcaagggtgt	ctttgatgag	cctgcgcatg	gtgggtggtga	360
ctgagggtgcc	cagggcatca	gtgatctgga	aggagatctt	gtacaggtag	ggctgcacgt	420
cccgaagcc	tgtgtcaaac	acgttatcca	cctccgactg	tgtgggcatc	ttgggcaagt	480

actcatgccg	attcatcacc	tccacgatgt	tgatgatctt	ctcgcagagt	ttctcacc	540
ccttctcccc	gcagatctgc	cgctcctgct	ccgtggccag	ggctaccaca	tgcaccttga	600
ccgtccacac	ttcccatggg	atgcactcgt	ctgagaatgg	ccagcgagac	ttcttcttct	660
ggtagaactc	caaggacatc	tgccccagcc	catcgccacc	agagttgcgc	agtgcacatc	720
tgaactcccc	aacaaccttg	cgcagggcac	gatccagttc	ctcagaagag	acacgcacat	780
aagtgaagtc	gatgaagtca	cagtcaacat	cctgggtgcc	cacggtgcca	atggagtagg	840
tgccctcctt	cttgtagtgg	aacttgccctg	tgctgcggtg	cagaagcacc	gtgtgcagca	900
cagccagcat	ggcctcctcc	acctgccgcc	cctccaccga	cacctccagc	acctccgagc	960
gacagttcat	cctgcaccca	gtaaccacac	ccaaggtgtg	gaactaggat	aaagacaggg	1020
gatcttcacc	ctacccaagg	gccacccttg	agtgtagagt	ttggagcacg	gattcctcaa	1080
gctcggctca	tgcccttcct	cctcctcctc	acgcctcgtg	gcgacctccg	caggtacgct	1140
tcaacctccg	cacggcgctg	agccacaaga	gaccagctcc	cccaaccaca	gtccacgacc	1200
agcctctcag	atgccaccac	tc				1222

<210> 6949
 <211> 1858
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (234)...(1825)
 <223> similar to gi514388 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6949	
ggaactccct	gtattgagga agaaattaga ctagttggct tcaaagatct aggggaatga 60
catagaccgc	atztatgttg catacatacc actacattct attcccatgc tcatggcagg 120
ccttactaat	caatcataga actttatccc tgtgagacca tcatatatta aaggcagcca 180
gcaccaccca	tgtgtgtgca agaggaaata tatttgccat tccaataact agatgttttag 240
agtgttaggc	tactgccact ccaagcagcc ttgaatgcca gaattaatcc catctgtctt 300
tgtgtcctct	gccagccact accagtgggt taacacccaa cagcatgatc cccgaaaagg 360
agcggcgaaa	catcgccagag cggctgttga gggctcatgtg tgccgacctg ggtgcactga 420
gcgtggtcag	cggaaggag ttctgaagt tggcccagac cttagtagac agtgggtgcc 480
gctatggggc	cttctcggtc actgaaatcc tgggcaactt caacacgctg gcgctgaagc 540
acctgccacg	catgtacaac caggtgaagg tgaaagtga cttgtgccttg ggcagcaatg 600
cctgcctagg	catcgggtgtc acctgccact cccagagtgt tggccctgac tcctgctaca 660
tcctcacagc	ctaccaggcc gagggcaacc acatcaagag ctatgtgctt ggtgtgaagg 720
gtgcggacat	tcgcgacagc ggtgaccttg tgcaccactg ggtgcagaac gtgctgtcgg 780
agttcgtgat	gtcggagatc aggacagtgt acgtgacgga ttgcccgggtg agcacgtccg 840
ccttctccaa	ggccggcatg tgccttcgct cctcagcctg tgccttgaac tcggtggtgc 900
agagcgtgct	gagcaagcgg acactgcagg cccgcagcat gcacgaggtc atcgagctgc 960
tcaacgtgtg	cgaggacctg gcgggctcca cgggcctggc caaggagacc ttcgggtcgc 1020
tggaggagac	gtctccacca ccctgctgga actcggtgac ggactcactg ttgctggtgc 1080
atgagcgcta	tgagcagatc tgcgagttct acagccgggc caagaagatg aacctcatcc 1140
agagcctcaa	caagcacctg ctacagcaacc tggcggccat cctgacgccg gtgaagcagg 1200
cagtcacga	gctgagcaac gagagccagc ccaccctgca gctggtgctg cccacctacg 1260
tcaggctgga	gaagctgttc acggccaagg ccaacgacgc aggcactgtc agcaagctct 1320
gccacctctt	cctggaggcg ctcaaggaga acttcaaggt gcacccggcc cacaaggtgg 1380
ccatgatcct	ggacccgcag cagaagctgc ggcctgtgcc accctaccag cacgaggaga 1440

tctcaatacc	acagttaaag	catttcaagt	tgtgaacaat	tttagttata	atgaaggagt	1860
tctataatta	gtgaacatgt	atcacaagaa	atcaggctaa	cttcttccgc	ttcatccttg	1920
gaaacactgt	atthttccacc	acatctgcaa	ctcagataaa	aagagtgatc	acttaggctc	1980
ctgatcgtgg	aaatthttaag	tgtgtcattt	tcctgggaag	ttgaaatgct	tgtgcccttt	2040
gacttaaaga	atctctgatc	cattgggtcat	tccattttac	tgtctctgag	aagtaacttc	2100
attccaagac	atthttctcaa	gatatacttg	agcatctact	ggtcctacat	ttcttagatc	2160
atcttcacac	cgtctgcagg	catactctct	ttttgtctct	tcatttccta	gaatthttcca	2220
tgcttgatca	atthtcgatga	acttctgtac	acatttcctcc	actgttcctg	ctggtacatc	2280
tgtactttgt	ttatctggat	gatactcaaa	tcttcagagg	gaggactcca	gaatctctgt	2340
ttcaccaagc	tctccaagca	actgtttacgc	gtgctaaaat	ttgagaagca	cactgtttgc	2400
cttgactgct	taaaacaagg	aattcatggg	caagtcagaa	gatgagtgtc	tcacaaaaat	2460
tttctgtga	cagatgcgtc	cttccaagta	tgtacaccaa	aaagaggggg	aaaaaatcca	2520
ataaccatta	atatgagttt	ttgatatttt	tgttttaggt	ctgatataatt	tgcagatg	2578

<210> 6951
 <211> 1040
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (34)...(279)
 <223> similar to gi511857 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6951		
gcatggaatt	cggcacgagg agctgtgtca ccactgtggg tccctgggtg tttcctcacc 60	
ctgtccgtga	cgtggatttg tgctgcaccc ctcatcctgt ctgggattgt gggaggctgg 120	
gagtgcgaga	agcattccca accctggcag gtgcttgtgg cctctcgtgg cagggcagtc 180	
tgcggcggtg	ttctggtgca cccccagtgg gtctcaccag ctgcccactg catcaggaag 240	
tgagtggggg	cctgggggtct ggggagcagg tgtctgtgtc ccagaggaat aacagctggg 300	
cattttcccc	aggataacct ctaaggccag ccttgggact gggggagaga gggaaagttc 360	
tggttcagg	cacatgggga ggcagggttg gggctggacc accctcccca tggctgcctg 420	
ggtctccatc	tgtgtccctc tatgtctctt tgtgtcgtt tcattatgtc tcttggtaac 480	
tggtctcggt	tgtgtctctc cgtgtgacta ttttgttctc tctctccctc tcttctctgt 540	
cttcagtctc	catatctccc cctctctctg tccttctctg gtccctctct agccagtgtg 600	
tctcaccctg	tatctctctg ccaggctctg tctctcggtc tctgtctcac ctgtgccttc 660	
tcctactga	acacacgcac gggatgggcc tggggggacc ctgagaaaag gaagggtttt 720	
ggctgggcgc	ggtggctcac acctgtaatc ccagcacttt gggaggccaa ggcaggtaga 780	
tcacctgagg	tcaggagttc gagaccagcc tggctaacat ggtgaaacct cgtctctact 840	
aaaaatacaa	aaaaaaagta gccaggcatg gtggcgcatg cctgtagtcc cagttactca 900	
ggagactagg	gcaggagaat tgcttgaacc tgggaggcaa aggttgagc gagccgagat 960	
ccgtgccact	gcactccagc ctgggtgaca gagtgagact ccgcctcaaa aaagaaaaaa 1020	
aaaaaagtct	cgacggtcga	1040

<210> 6952

```

<211> 4580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4581)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (24)...(3926)
<223> similar to gi4240313 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6952

```

gtggactaga gccagggttaa ggggatctgc tagaagttgg tcttccgcca ggactagagt      60
ttcctcgcgg tatatgcctc cgtggcctcc ggaggaccat gtcattagac tttggcagtg      120
tggcactacc agtgcaaaat gaagatgaag agtatgacga agaggactat gaaagagaga      180
aagagttgca gcagttactc acagaccttc cccatgacat gctggatgac gacctctcct      240
ctccagagct ccagtatctg gactgcagcg aggatggcac agacggacaa ccacatcatc      300
ctgagcaatt ggagatgagc tggaatgagc aaatgctgcc caaatctcaa agtgtaaattg      360
gtcccagttg tcaaggtttg gaaccgtata ataaagtgc atataaacct tatcagtctt      420
ctgcccagaa taatggctca ccagcccagg agataacagg aagtgcacaa ttcgaaggcc      480
tgcaacaaca attttttaga gctaattgaga actctgcaga aaatatgcag attattcaac      540
ttcaggttct taacaaagca aaagagagac aactggagaa cttaattgaa aagttaaattg      600
aaagtgaacg tcaaattcga tatctgaatc accagcttgt aataataaaa gatgaaaagg      660
atggtttgac tctcagcctt cgagaatcac agaaactctt tcagaatgga aaagaaagag      720
agatacagct tgaagctcaa ataaaagcac tggagactca gatacaagca ttaaaagtca      780
atgaagaaca gatgatcaag aagtccagaa caactgaaat ggctctggaa agcttgaagc      840
agcagctggt ggaccttcat cattctgaat cacttcaacg agctagagaa cagcatgaga      900
gcattgttat gggcctcaca aagaagtacg aagagcaagt attgtcctta caaaagaatt      960
tggatgccac agtcaccgca cttaaagaac aggaagacat ttgctctcgt ctgaaagatc     1020
acgtgaaaca actggaaagg aatcaagaag caatcaagtt agaaaagact gagatcatta     1080
ataagttgac aagaagtcta gaggagagtc aaaagcagtg tgcccacttg ttgcagtcctg     1140
ggtcagtaca agaggtggct cagctacagt tccagctgca gcaagcacag aaggcacatg     1200
ctatgagtg c aaacatgaac aaggctttgc aagaagaatt aacagaacta aaagatgaaa     1260
tttctctcta tgaatctgct gcaaaaactag gaatacatcc aagtgcactca gaaggagaat     1320
taaatataga actcactgaa tcgtatgtgg atttgggtat taaaaagggtc aactggaaaa     1380
aatccaaagt taccagcatt gtacaagaag aagacccaaa tgaagagctt tcaaaagatg     1440
agttcattct gaagttaaag gcagaagtag agcgtttgct gggtagcaac tcaatgaagc     1500
gtcatctggt gtctcagtta caaatgacc tcaaagactg tcataagaaa attgaagatc     1560
tccaccaagt gaagaaggat gaaaaaagca ttgaggttga gactaaaaca gatacctcag     1620
aaaaaccaaa gaatcaatta tggcctgagt cttctacttc tgatgttgtc agagatgata     1680
ttctgctgct taaaaatgaa attcaagttt tacaacaaca aaatcaggaa cttaaagaaa     1740
ctgaaggaaa actgagaaat acaaatcaag acttatgtaa tcaaatgaga caaatggtac     1800
aagattttga ccatgacaaa caagaagctg tggataggtg tgaaaggact tatcagcagc     1860
accatgaagc catgaaaact caaatacgtg aaagcctatt agcaaagcat gctttggaga     1920
agcagcagct ctttgaggct tatgagagaa ctcatcttgc actgaggtct gagttggata     1980
agttgaataa ggaggtgact gctgtgcagg aatgttacct agaagtgtgc agagagaagg     2040
ataatctaga attgactctc aggaagacca ctgaaaagga gcaacagact caggagaaga     2100
tcaaagaaaa actcattcaa cagcttgaaa aggagtgcca gtctaagctg gatcaaacta     2160
taaaggcaat gaaaaagaag accttagatt gtggcagcca aactgaccaa gtaaccacca     2220
gtgatgttat ttccaagaaa gagatggcaa ttatgataga agagcagaag tgcacaatcc     2280

```

agcaaaactt	agaacaagag	aaggacatag	ccatcaaggg	ggctatgaag	aaactcgaaa	2340
ttgaattgga	actcaaacat	tgtgaaaata	ttaccaaaaca	ggtagaaata	gctgtgcaaa	2400
atgctcatca	gcgatggctg	ggagaactac	cagagctggc	agagtatcaa	gcacttgtga	2460
aggcagaaca	gaaaaagtgg	gaagaacagc	atgaggtctc	tgtgaacaaa	aggatatcat	2520
ttgctgtttc	tgaagctaaa	gagaaatgga	agagtgaagct	tgaaaatatg	aggaaaaata	2580
tacttcctgg	aaaggaattg	gaagagaaga	ttcattctct	tcagaaggaa	cttgagttaa	2640
agaacgaaga	agtccctgtg	gtcatcaggg	ctgagttagc	taaggctcgg	agtgaatgga	2700
acaaagaaaa	gcaagaagaa	atccacagaa	tccaagaaca	aaatgagcaa	gattaccggc	2760
aattttttaga	tgatcaccga	aataaaatta	atgaggtgct	tgcggcagct	aaagaagact	2820
ttatgaaaca	aaaaactgaa	ctacttcttc	agaaggagac	agaattacaa	acttgtctag	2880
accagagtgc	tagagaatgg	actatgcagg	aagccaagcg	gatccaactg	gaaatctatc	2940
agtatgagga	agacatcctg	actgtacttg	gggttctttt	aagtgatacc	caaaaggagc	3000
acatcagtga	ttctgaggac	aagcagcttt	tggaaatcat	gtcgacttgt	tcttcaaaat	3060
ggatgtctgt	gcaatatattt	gaaaaactaa	agggctgcat	acagaaagca	tttcaagata	3120
cacttcctct	gcttgtagaa	aacgctgacc	cagaatggaa	aaagagaaat	atggccgagc	3180
tctctaagga	ttctgccagc	cagggcactg	gccaaggaga	ccctggacct	gctgctggac	3240
accatgctca	gcccttggcc	ttacaagcaa	cagaagcaga	agctgataag	aaaaagggtcc	3300
ttgaaattaa	ggatttatgc	tgtggacact	gcttccaaga	acttgaaaag	gcaaagcagg	3360
aatgtcaaga	tctgaaagga	aaactggaga	aatgctgtag	gcatcttcag	catttagaaa	3420
ggaagcacia	agctgtagtg	gaaaaaattg	gagaagagaa	taataaagtt	gttgaagaat	3480
taatagaaga	aaacaacgac	atgaagaata	aattggaaga	attgcaaaca	ctttgtaaaa	3540
caccaccaag	gtcattgtca	gcaggggcca	ttgaaaatgc	ttgcctgcca	tgcaagtggg	3600
gagccttgga	agaacttcgt	gggcagtaca	ttaaagctgt	aaaaaaaaatt	aaatgtgaca	3660
tgcttcgtta	tattcaggag	agtaaggaac	gagctgcaga	aatggtaaaa	gcagaggtac	3720
tgtgagaacg	tcaagaaacc	gcccgaagaa	tgcgcaaata	ttatttgatt	tgccctcaac	3780
agattttgca	ggatgatgga	aaagaagggg	ctgagaaaaa	gattatgaat	gctgctagca	3840
aacttgctac	aatggcaaaa	ttactggaaa	cacctatttc	tagtaagtcc	caaagcaaaa	3900
ctacacagtc	aggatatgtc	aagtgaagtc	ccaaatgggt	tttctatctt	ttcttcttta	3960
gctattttaat	attttcagta	tgaagaaggc	agggaaggta	aggagtgaga	gttaatttgt	4020
gaagttttgt	atgttttact	taaactagaa	gtttacgcaa	aaagagtaca	cagtttccaa	4080
tttaagtagg	cagactgagc	atgcccatca	gtttcctatt	gctgcttcca	tccctcgaaa	4140
tgatagaaaa	gatttttaaac	agccaaaataa	agaatgagac	aaagaagaaa	ttataagtgg	4200
gttttaaaaa	gttgcaagtgg	gccaggcatc	atggctcaca	cctgtaatcc	cagcactttg	4260
ggaggctgag	gtgggaggat	cccttgatcc	caggaatttg	aggttgcagt	aagctatgat	4320
tgtgccactg	tactccagcc	tgggtgacag	agtgaaggccc	tgtctcaaaa	aaaaaaaaaag	4380
ggggggggct	ttaaaaagaa	aaagttttta	tccccggggg	gggcagatta	aaattttttt	4440
ttaggggtcc	ccaaattgaa	tttcgggggc	cctgttttaa	actgtggaga	gagggaaaac	4500
cccgggtttt	ccccaattaa	gcctgttaaa	cacaaacatt	nttaacaccg	canggatttg	4560
tgttgggtgt	caagataatc					4580

<210> 6953

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(354)

<223> similar to gi545013 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6953
atttcctggt ctttccgtgg cgtctgttcc aacgtcagtg cttcctgcct ccagccgggg 60
tcagatcaga gacagacagt tggacgggag cccagcagtc ctggcggggg atgtggggca 120
ggccctgacc ttgccggggac tgtctccttt ctctcagggg tcccagggga cccagccccc 180
acctgccagc ccctccaccg tggctgtcct ccgtgcctct cggccgggaca cctcacctgg 240
cctccaaggc acacctgcat atctgggagg cgggggctga cgggtgtaggc tggggccacc 300
agaccttctt tctcaccttg gccacaaagg ggctgcctg gggagggggg ttggggactc 360
cccagtaact ctgccatagg ccagtaccca ccatagctgc taatacctac caacaccctg 420
ctgcagtaag tgacctgctg aacacagaag cactggaaga agcgtgtgca caggcccctg 480
aactcaggag ggaacaggc atcagagaca catagcagca tcgacctggc catacccaga 540
gaccaggctg tgctcagcgt ccccggaacc tctcctggg ctctcaacac ctggaccctc 600
ccagctgaga tttcattcat aaatctgacc cccagagggc tgtgcctggc aagaaaggct 660
agcgaggctg tccccagtca tccggggcga agacagaatt taaggagct gcaaagagta 720
ccctgggggtg gcagccatgt gcctgggagg cccctgggtgc cag 763

```

```

<210> 6954
<211> 1653
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1200)...(585)
<223> similar to gi4929617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6954
ctaaataaat gaatgcagaa tggggacccc tccctcctcc ccatgggaga tgggcagctc 60
agacactcag aaggttgtgt gggagcgagc aaacaaacac ccatgcacac ctgggtcccg 120
tcagtcagat gcaggggaca ggaagtgcc tgccatctac tggatgccag aagacaagac 180
gtgacccacg agtaagtcac ggtttctgtg aggtgctggt ggcactggca cagggtcaca 240
gtgaaaagcc tctacgcaga ggacagcaga aacccccgc agcctcagga ggcagcatca 300
gatttattta ttcctactca acatgacccg ggaacacagg agcaactctg tacacttcta 360
gaaactcaca gctagctcca aaacaataga aattttaaac taaaaagat gagttgtatt 420
cagcaaatat aaagggtaat ttagactgt gtgaacgttt atcagactat ttacagcacc 480
cgggagacgg gttcaaaatc tcgccggcct ccttctcttc tgaacctccg tgaagccatc 540
ttcccgtttg agcttctcaa gcctccaagt cggggggccc tcgctcgctc cgcccgctct 600
cccaggactc ctctctggat gcccgctctc tggagaactt gtatttcgca cttcgggtccc 660
gggaagcccg acgatgtccc cggctgtggc tccgggaacg gctgcggtgg cgccgatgtc 720
tatctcggga ccgggaccgg gacaatttcc tgcgctctcg ggaggtagat cttgaccgcc 780
tccgacgcgg atcccgggag cgtgacctcc tgcgctctct ggttcttgat cccgacctcc 840
tgctcagacg ctctctccgt tccctctcct ctctcctcct caagcgatcc tgatttctct 900
tctcctgctt ttcagcgaca gttttctcag cttctttttt cttcgcacga actttttcca 960
cttccataag aatcttctgg gattcatcca cattaccttc agcccctagc tgttcggctt 1020
tagcaaggag ttttctatt tcttcattta actcatgtac ttttctgcc tttgcagaaa 1080
cttcgcgact gatttctctc tgtgtttctg ccagccgctt cttggcgagc tcagttctcc 1140
gatcacattc agcaataaag gactccaagt gatccattgc ctagcacggg aaaagcacag 1200
cgctataatc aatgatgtgt aaagcgtaaa gtcttagaac ccatttgctt gataggaaat 1260
acactcctag gttcgtttct ttaaagcctg tacattcaag ggaaagatct taaactacac 1320

```

taccactaac	gcattcataa	ttgcattaaa	tcaaggggat	ctgttaaaca	gaatgattgt	1380
ttggaagcat	ggtcttctca	tttgatttac	ttatttccaa	aatttgtaaa	aggacctcca	1440
accctcaata	acattacaaa	gaaattctga	ggaaaattaa	aacacttggc	agcaattcat	1500
agagttctcg	gagggacaga	aaaggctgag	cctagactcg	tgctggaggc	cctcttctgg	1560
ggagttgtga	gagatgcata	tgatgtactc	actggtcttt	gtgagccacg	taaatattat	1620
tccctcatgt	tctgagggta	gggtccccc	ttt			1653

<210> 6955

<211> 6164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2623)...(2889)

<223> similar to gi5902972 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6955

cgacctctgt	caagggcctg	tgggtccctg	acccctgggt	gagcgagggc	actgctccca	60
tgggcctggg	cactgtgcca	tcctccagtg	ggaaacagga	ggtccccagg	gtctgagaga	120
accatgcagt	ccaggtgtga	aaggggtcct	acaaggtcag	ctgaccatag	agaccttggg	180
accaccagga	aatcgtgggg	gccctcagcc	aggggatggg	gtcagggctc	cttgagcctg	240
ttccgcccac	ctagctcccc	tttaacccca	gggaagaagt	agctcaggtg	gagaccttgg	300
gtctgcatgg	gggtcacgtg	agctgcctgt	agccagcagg	ggggagggct	gggtgctgtc	360
ctgaggatgc	aggtgcaaat	ggccatttct	gggccacctg	tgtgtatcag	catctgcaga	420
ggggcctggg	gtctggctcc	tggggttggc	agccccaggg	gctctgccat	ggctgcccac	480
ggtggtgata	tttctgtgtc	gctgttggg	tgtggggcag	tgccaccctg	tcccatccca	540
cctcatcagc	acagaatgaa	gctggtccta	tactcatcac	ctgtgcacat	gaggaaactg	600
aggccccaag	aggggagccc	aaggtcatat	tactggggat	ctgtgggctg	gcgtctgagc	660
ccagcactgt	ggcttcaagc	ccacatctgc	cctaggaggg	cccaggaggc	cctgtgatgt	720
cattccccc	tgatgtcatt	ccccatgac	atcattcccc	tgtgatgtca	tacatgtgac	780
gtcattcccc	tgctgtcacc	acatgatgtc	atccccctgtg	gtatcacctc	tgtgatgtca	840
atacctcttt	taatgtcatc	cccatggtgt	cattcccccc	atgatgccat	ccccccatga	900
tgtcagtcce	ccatgatgtc	aatttcccac	aatgtcttcc	cctgtaatgt	caatactccc	960
tttgatgtca	tccccgtaat	gtcatccccc	gtgatgtcat	tcctcatga	tgccagtgtg	1020
atgtcatctc	tgtgatgtca	ttccgtgatg	tcacccccca	tgatgcaatt	cccctgcaat	1080
gtcatgcccc	tgtgatgtca	tccccgggtg	atgtcatccc	cccatgtgat	gccagtctcc	1140
catgatgtcc	cccctgtgat	gtcattcatg	tgacatcatc	ccgtgatatc	attcccgtga	1200
tgtctcccc	atgatgtcat	tccccatgtg	atgtcaattt	cccacgatgt	cacccctctg	1260
acatcatcct	ctgtgatgtc	tgcgccatga	tgtcatcccc	catggcgtca	ttcttgggtc	1320
tgggggggtg	tggatcccc	cctctcccc	cccttgggg	cttccctggc	ggtggggaga	1380
ggtggcctgg	cctgggtgcc	acagcagctg	ctctggaagg	tgcccgggct	cttgggggcc	1440
ttggcccacg	ccatccccctg	gactgtgcgg	cgccctccag	ggcccagctt	ctgttgggtg	1500
ttgggcacaa	gtcagaatca	agtgcactctg	gccagatgct	gccagggcc	aggatgcagc	1560
tgctgtgggc	ctggccttgg	tgtagagcca	gagtccttgag	caggggctga	ggggacccag	1620
atggtgggga	ggctccggag	catgtgacca	gggaccgtcc	tgctgtggac	agacctcctg	1680
ggctgagtgt	tggctcgggac	cgggccatgc	acctagagat	gtcctttgac	cagtggggag	1740
ggtctggggg	tgagtgtggc	tgtgtccctt	ggctactggg	ccagtgtagt	ccagggcact	1800
ctagggactc	cctgtgttct	gacttgaatg	gagctattgg	ggctgaaggg	gcaatggccc	1860

09463735 "0.1.1.00

tgtgtctcct	cggagcttgc	aggtectctt	ggaggcccag	agagagccag	aggagggcag	1920
ggtcactgct	gcctcctcat	ggtatggaat	tgactgagcc	catgctggga	tctggaggcc	1980
ccaaaggaat	gaggcctgtg	gccaggggcc	ggcccaggag	ctgggggtggc	tttcggggga	2040
gagggcccga	gtgctgggag	gtaagtgggtg	atgtgcttgg	cagcctcagt	gctcccttag	2100
gagggcttag	gacccacact	cgaatcttcc	tgggctatgc	agagccagga	agagaggcca	2160
ggtggccttg	gtgggtggca	ttagatgctc	cagccctgcc	tggaaactccc	ttgggggtcg	2220
ggccacagcc	aagaagagtg	ctgttttgcc	tgtgctaagg	ccactgtacg	tgcagagctg	2280
gaccagaac	ctcgtccaag	gcccccgga	gtctcaccag	gaggtgttta	gagctggcca	2340
cgtggagtgg	catacctccg	gggggcgggg	gggctgtgag	agggcagtgg	tgtgggccct	2400
tggtctgtgc	ctccacaggg	acagctgctt	caatagcatc	tgtgccccct	cctgcctgta	2460
gtccacccac	cactgacccc	tggacttggc	tggcggatit	tcacaccttc	tcctgggggc	2520
aggtctcagc	ttgtcccaaa	cccagtcaga	gccagtctca	ctccctgcct	caggcaactg	2580
tgtatgtttt	aatttttatt	tatttatgta	ttcatgagat	agagtctcac	tctgtctccc	2640
aggctggagt	gtagtggcac	catttcggct	cactgcaacc	tccgcctccc	gggttcgagc	2700
cattctcctg	cctcagcctc	ctgagaagct	gagattacag	gcgctcgcca	ccatgcatgg	2760
ctaatttttg	tatttttagt	agagatgggg	tttcaccatg	ttggccaggc	tggatcatgaa	2820
ctcctaacct	caggtgacct	gcctgcctcg	gccttccaaa	gtgctgggat	tacaggcatg	2880
agccaccgcc	tgtaatttta	atttttaacc	aaactgagaa	cttgaggatt	gaatgcaggt	2940
aacgggtggg	gttcatgtgg	atgtggattc	catgaaagag	ggctttgtcc	tactgtcgg	3000
ttctccacat	gtaggtcctt	tgactcagca	ggccttaggc	ctagtccaca	ggtgctgagt	3060
gaacagcccc	agcgtctgac	agctccttag	cttgggggtgc	acaggcagct	gaagcagtag	3120
gatggcagct	cagacttccc	agggccccac	gtgtgcaggg	ctggcctccc	agcaccacca	3180
ggcagggccg	gcctcccagc	gccaccaggc	agggccctgt	gagtgtcccc	tccttgacac	3240
acaccttgta	gagaggtctg	gcctgggcag	gctgctctgc	tgcaccacat	ccattctca	3300
agaggggtccc	aggtcccaaa	ggaagcctgt	agcccagtgg	ctttctggag	gtttgcatgg	3360
ctggcaagcc	tgggcccggc	gctggagagg	catcaggaca	ggagcaactc	tgctgactgc	3420
tcctctcagc	gagctctaag	agtctttggg	tgggaggcac	atcacatccc	tgtcactcct	3480
ggctggccct	ggaatgcctc	agcccacaca	ccccactcca	gccagggtctg	tgggaactgt	3540
gtctgctcag	gtacaaaagg	ctttgtttgt	tcttggaact	cttggttctg	gtctgggctt	3600
cccactcccc	atgctgtgag	ccccacggg	ctgggaccgc	agcttgccat	gtgtctctca	3660
gtggcaccaa	gtggacgctc	gaggcttatg	tggaggagtg	gagagccagg	ataggccact	3720
gggcgtgctg	ggagcccaca	caggcaggga	gcccagcggg	aggtgccctg	ctcctgccag	3780
ccccggttac	cccagcaggc	tcggcaccca	ctcagagccc	ccatttctgc	tccccaggca	3840
ctccctgtgt	gcctacctgc	ccttgtcctt	gtcctggggc	agcttggctc	ctgcctccca	3900
gctctgagga	ggcctctgca	ggtagccgac	ctccctggac	gagggggcag	ctgcctcctc	3960
tcacctgggc	tcacctgag	ccaagtcctc	tcaaccagg	ataaatggcc	tttctgaagg	4020
cccagagagc	atgcctgccc	cagtgtggga	gctgcatccg	ctccccacct	gacagtgatg	4080
gccaagagcc	cagtgttcc	ggagggtctc	caaactctgg	acctgtaggg	gggtcagggc	4140
agtcgctggg	ccctaaggga	aaagcgtgac	cctcgccccc	aggtggctga	acccgtcact	4200
gccagggcga	gctgtcacct	ctgtgagctg	ataaggcctt	gcttttagga	cctctaattc	4260
ctgcaagaac	ccaagctggc	tctgcctgtt	tctcctgagc	agctcgagct	gttcaccaca	4320
ctccagcacg	actcgggaca	ggcacgtgcg	cccctctgca	ccagctggag	tcctcagga	4380
cacctggctg	gagctgatgg	gcatgggcgg	gtgtgtgcca	gcatgagccc	gcaggtctgt	4440
gagcttcgtc	tccctttcct	tcttcgcagt	gtactaatgg	tcaattgatg	tgcgctggct	4500
gttttatcca	cctactagca	gatgcccggc	tgaaggagga	gcaggccacg	tgccccatt	4560
gtcgttgtga	gatcagtaag	agcctctgct	gccggaaact	ggccgtggag	aaagccgtga	4620
gcgagctgcc	ttcagagtgt	ggcttctgcc	tgccagctt	tccccgctcc	ctcctggaga	4680
ggcaccagaa	ataggaatgc	caggacaggg	taaccagatg	caagtacaaa	cgcacggct	4740
gcccattggca	cggccccctc	catgagctga	cggtgcacga	ggctgcgtgc	gccccccga	4800
ccaagacagg	cagtgaagctg	atggagatcc	tggatgggat	ggaccagagc	caccgcaagg	4860
agatgcagct	gtacaacagc	atcttcagcc	tgtctagctt	cgagaagatt	ggctacacag	4920
gtgaggcgcc	ccgccgcctg	ctgcatgcca	cacaggtgtg	ggttgggggg	ctggcagcca	4980
ggagtctggg	ggcagcaggc	tctgggcact	gggcactgac	agcgccggac	agccgggctc	5040
tgggacaagc	tcccggtgga	caggtggaca	cctcggtcga	gaagacaggc	cggagactga	5100
gtggaaggag	gggcccaggc	agaccccagg	tgcacacctg	tgtggctctc	acagcagccc	5160
cgcccacctg	tcctcgccac	cctggcttca	ccaccctgc	aaggtggcat	ctcactgtgg	5220
ggctccagag	cctcaagaca	gtcacggtct	aaccagaaag	tgggcaggtc	tcagggggcc	5280

tgggagctag	gggcctgccc	ctcggaccct	ggggcaagaa	gagcaccctg	ccgagtgagg	5340
tcctacctgc	aggcagtcac	tgccccggcc	atgggcctct	caaggctggc	acgaagccat	5400
tcagggagag	ggctccacaa	caagctgagg	gtgcccgaact	caaactgtag	aaccgggagt	5460
ggacacccac	agacgcccag	gctggatgcg	tgcgaggca	caactggatct	cgtggctctc	5520
tgggccgctg	ccaccgcctt	tgaacgtgtc	ggggagcagg	agccaggcca	gagtctggcc	5580
cagaggacag	cgagaagcac	ctgttgatgc	tggggccact	ggaggaagct	ccatccctct	5640
actctcagcc	cgcaccagg	cggccagctc	agagcaccag	gcgtggcgca	agcagggtg	5700
tcgtgggcag	ccagtcccgc	cctgctgcct	ggactgtgcc	cagcgggatg	tggggccgag	5760
caggccagag	aggccgagg	cctggggtct	ctgcggcagc	cacagcccgt	ggtgagtagc	5820
agccttagct	gtcctggaga	taccggggcc	tcgtggagtc	taggcaggct	ggggcactgt	5880
ggctgtggcc	gtggccagg	gagaagcccc	attcgcgag	gaaagactgg	ccacctggga	5940
acccacgcct	ccacggagg	acttgccggc	cacaggctgt	gggctgcccc	agaggactgt	6000
gcagggcagg	ctgcctgctg	attggcagct	ccggatcagg	ccgggtgcct	gcagacctgg	6060
tgctccccctc	gggcagggtc	gggtgcgcga	gccgcctgct	ggcttttctg	gcagctcctc	6120
tgtatcagaa	ccaataaagt	gcacttggtc	tcggaaaaaa	aaaa		6164

<210> 6956
 <211> 2956
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2957)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (94)...(1745)
 <223> similar to gi5081315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6956						
gcgagacttt	gtctcaaaat	aacaataaga	agctggggga	gcttggattg	aaagggagga	60
aaagatgtat	tacatcttct	cttgctttct	agtgaagttat	tctccccacc	tcagaagtac	120
cagcttttgg	tgtatcatgc	agattctctc	tttcatgata	aggaatatcg	gaatgctgtg	180
agtaagtata	ccatggcttt	acagcagaag	aaagcgctaa	gtaaaacttc	aaaagtgaga	240
ccttcaactg	gaaattctgc	atctactcca	caaagtcagt	gtcttccatc	tgaaattgaa	300
gtgaaatata	aaatggctga	atgttatata	atgctaaaac	aagataaaga	tgccattgct	360
atacttgatg	ggatcccttc	aagacaaaaga	actcccaaaa	ttaacatgat	gctggcaaac	420
ctgtacaaga	aggctgggtca	ggagcgccct	tcagtcacca	gctataagga	ggtgctgagg	480
cagtgcccat	tagcccttga	tgccattcta	ggcttggtgt	ccctttctgt	aaaaggggca	540
gaggtggcat	ccatgacaat	gaatgtgatc	caaaccgtgc	ctaacttgga	ctggctctct	600
gtgtggatca	aagcgtatgc	ttttgtgcac	actggtgaca	actcaagagc	aatcagtagc	660
atctgttcac	tagagaaaaa	atccttattg	cgagataacg	tggacctatt	gggaagcttg	720
gcagatctgt	acttcagagc	tggagacaat	aaaaactctg	tcctcaagtt	tgaacaggca	780
cagatgttgg	atccttatct	gataaaagga	atggatgtat	atggctacct	actggcacga	840
gaagggcggc	tagaggatgt	tgagaacctt	ggatgccggc	ttttcaatat	ctctgatcag	900
catgcagAAC	cgtgggtggt	ttctggctgt	cacagcttct	atagcaaacg	ctactcccgg	960
gccctctatt	taggagccaa	ggccattcag	ctgaacagta	atagtgttca	agctctgcta	1020

cttaagggag	cagcacttag	gaacatgggc	agagtccaag	aagcaataat	ccacttttcgg	1080
gaggccatac	ggctcgcacc	ttgtcgccta	gattgttatg	aaggtcttat	cgaatgttac	1140
ttagcctcca	acagtattcg	agaagcaatg	gtaatggcta	acaacgttta	caaaactctg	1200
ggagcaaatg	cacagaccct	taccctttta	gccaccgttt	gtcttgaaga	cccagtgaca	1260
caggagaaaag	ccaaaacatt	attagataaa	gccctgaccc	aaaggccaga	ttacatttaag	1320
gctgtggtga	aaaaagcaga	actacttagc	agagaacaga	aatatgaaga	tggaattgct	1380
ttgctgagga	acgcactggc	taatcagagt	gactgtgtcc	tgcacgcgat	cctaggagat	1440
ttccttgtag	ctgtcaatga	gtatcaggag	gcaatggacc	agtatagtat	agcactaagt	1500
ttggacccca	atgaccagaa	gtctctagag	gggatgcaga	agatggagaa	ggaggagagt	1560
cccacggatg	ccactcagga	ggaggatgtg	gacgacatgg	aagggagtgg	ggaagaaggg	1620
gacctggagg	gcagcgacag	tgaggcggcc	cagtgggctg	accaggagca	gtgggttcggc	1680
atgcagtgag	ggggcggcag	ctccatggcc	gcagtggcct	gccctgctct	gagcacttcc	1740
gtggactgaa	ggaaccgtag	gagcctgtc	tcagaaggac	aatgattcag	catgtgattg	1800
cagcaggggt	ctctgcccc	tcgctcccaa	ttcctagtgc	tgacttcatt	tctaaaaacag	1860
agcctgacca	accttccatg	tatctccatc	ctcccttgct	ccagccaggg	aggactgagg	1920
gagtgtcccg	agaccacgc	acatgttggg	gcttctgggc	caagagtact	ttttatataa	1980
ctaatttcta	aatccaaaag	ctcaagggaat	agacagtgtt	ctgtgacatg	gattgggttg	2040
aaggagttag	ccaccatccc	agcacgataa	tgcatctctc	caagttggat	ggcagcacga	2100
tctggcccta	gggagcttcc	tggtcccaga	agtcattgtc	ctgggctatc	cagatgtccc	2160
tagtaaatct	tgcttccttc	tgcaatgtta	gtaatgcctt	aagctgacag	ttgctatttt	2220
gcagaacagt	tttctctttt	gcttagctag	taacttgctt	ctgagcctgg	gctgatctga	2280
gaaacaggtg	tgacaagagc	atgaaccaga	ggtgcacctg	gggcagttcc	ctaataaaac	2340
tggtttgtac	agtcatggtg	ttgggggtgat	cagaatggaa	gcccttttca	aaatagactc	2400
ttagtatatt	tgtcttattc	gcaatgccat	tgattcagcc	ccagaattat	ttgccagaaa	2460
aatagacttt	ccttncccc	tggtgttggg	aaccccagga	gggttgga	aagctcagga	2520
accctgagct	ggttcatctg	tttgccatat	tgggtagggt	aatttcccct	ggagcctgag	2580
agtctttggc	ccagatttcc	agctgcggtc	tcccctggct	cttttgctgc	agctgtgaga	2640
ttgggggtctg	gttccagcag	tctgtcactg	gtcagcctga	gtatcacacc	ctgagctctg	2700
gggctgggag	tttcttcccc	acaccctctc	ccttgtgcct	taagttgcga	tggtctgag	2760
tatacaatta	atcggagggt	aggggtgggt	gtcacagcta	atcccaaatt	caaaaattag	2820
tccaagggtgc	tgcaaaaatat	aaatttgatg	tcagtagaaa	gtcgtatcct	aaaatgtaaa	2880
aactgtaagt	gtacagtagt	taatgagctc	agaacatctg	ataactgcaa	tttaaaatgg	2940
gcaaaaagtt	aaaaaa					2956

<210> 6957

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (847)...(194)

<223> similar to gi5706454 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6957

ggaccaagca	tggtttggggc	tgtaacttct	tttctgaggc	acaaatgccc	acccaagatt	60
attagaggaa	cgagggcagt	gggcaggaag	gtgagacgct	gacttttagaa	atagctggtg	120
attacagatt	taattcatgt	tattaactcc	ctgcctttta	cctcctccct	cctcccttgg	180
cacaactgcc	agatggatgt	ggctggaagt	cagaggacat	tctcgtgggt	tcgtgggcct	240

```

agggtacaaa tgacctcagc gtgacagcaa acaggacaga gaagaccagg ctcttactca 300
ggaatccacc agccaggaga atgacaatgt tgaacaccgg aaccctgatg atatctgtca 360
catttgtaag gttgatttca gagtcaggag tggagacatc ggcagttgac ttgggtggag 420
cttgggtcac agttctgggg gtggtataga gtgggcacaa ggccttagtg gtggtaggag 480
gaatcttata cacattctgg gtagaattct cattggagcc aggggtccct gaaaaaccct 540
tggtcaccac caagcggatg cgatcgaaca gcatgtgagg ctccctggga ggctggtaga 600
tcacacactg atacagtcca gaatcttcca cttgaagggt gaccattcgg acgcgcagta 660
aaccatgatc atggtagtct tctagtatga tcctcccccac ttggactgga tgggaattct 720
ttgaaggcct ctctgtgcat gccagggtct tgggcatctc tccgtccctt attatctgcc 780
aagctttctg gctgctggca aacttctcta gcgtgtagtc acatttcaca tccagggtct 840
gccctcttt cagttcatac ttttcctcag ttaatttagt tgcagctcgg agttctgaga 900
caaagagcat ccacagcagc cccagagacc tggctcttct catccttctt gtgcaccagc 960
tccaactgct g 971

```

```

<210> 6958
<211> 1471
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1472)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (832)...(1162)
<223> similar to gi4128021 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6958
ggaggcagga gatgggaaag aaaagtgtaa ttttgaatat gtagttggta actattctct 60
tactttgttc tttgaaaaat aggaactaaa tccatgaagg attttcagtt ttactgtgtc 120
tgacctatag atcccacacc tgacctctgc aatacacaca cacacacaca cacacacaca 180
cacacacaca cttaaactca cacacacaca ctctttctgt gaggacccag taaacaattg 240
ctttatTTTT ctatcagcac aattccaaat ctattcgtgc cccttagccc atctggctgt 300
cagatccaca agagaaaaag gcttaataacc cacaacagag ccttgtttat tacttattta 360
tctccctcca cccttgttcc cgatgggatt tcaggcggct tactgagatg gacaatacgg 420
ccagataaca tcattcctga attccttagc agggcacaca aagtcctttg tgagctgcca 480
gaatctatTT cccagcctc gtccctgctg cctccctgcc aactccccgt gcaaacacac 540
attccagcaa cccccacgc tgccttagtt acccgaatgg tccattgcgt ttctctcat 600
gcctttgtgg cgttttatat gctgatctct ctgcctgatg agccccctcc tgggcagtcc 660
taccctcta agctggagtt caagcatgac ctctctgtg aagccttcct tgatttcccg 720
ggcagataca gacatttctt ctctctgctc acttaccact taaatgtgca tggttccccc 780
tctaaatgga agctccatga agccagagac ctctcttttc cagctatatt tcccttggtg 840
ctgctactgg aaacatggaa cgccgaggag gcagccttga cataaatgat gggcattgtg 900
gcaccggcct gggcagtga atgaatgcgg ccctcatgca tcggagacac acagaccag 960
tgcagctcca ggcggcaggg cgagtgcggg gggcccgggc gctgtatgac tttgaggccc 1020
tggaggatga cgagctgggg ttccacagcg gggagggtgg ggaggtcctg gatagctcca 1080
accatcctg gtggaccggc cgctgcaca acaagctggg cctcttccct gccaaactacg 1140

```

tggcaccat	gacccgataa	actcttcagg	ggacagaagc	tttttgtctg	gagctgcca	1200
caagaaagag	ggcaaggaaa	aaaggctgga	ctccatgact	atatatacat	acatctatct	1260
acatctgcct	gtgtacacac	acaacttttt	atactagtaa	tttattggca	attgggctgg	1320
taattagttg	atgcaaaaag	gaactcaggt	ggagaataat	attgacactt	gcttttctgc	1380
ccccctcagg	ggtgtgtgga	aggcagtggg	ggagttggga	ggggggcagg	gaaatgaaat	1440
ggagttttgt	cctggcnnan	naaaaaaaaa	a			1471

```

<210> 6959
<211> 1287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(1033)
<223> similar to gi2384956 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6959						
ggaggcagga	gaacggaagc	tgggagcagg	gaaagccttt	tgtcctgagc	ttttctggca	60
agggactttg	catattggtt	ttgcatctca	tttactttctc	catttggttca	ggataaagat	120
ggggaatccc	ctcctctcca	aacctgcccc	caaacccttc	cttcttgaac	cagaactctc	180
ctctccccgg	tactccttcc	tggaccgcgc	tgggaagccct	ggcggcggcg	gccccgggg	240
cccttggcgc	tgcgcgcctg	gctgcagccc	aggtatagga	agaatgcgta	tcttttcatc	300
tattacttaa	tccagttctg	tggccactct	tggatattta	caaatatgac	agtcagattc	360
ttttcatttg	gaaaagattc	aatggttgac	actttttatg	ctattggact	tgtgatgcga	420
ctttgccaat	cgtatctct	cctggaactg	ctgcacatat	atggttggcat	tgagtcaaac	480
catcttctcc	caaggttttt	gcagctcaca	gaaagaataa	tcatcctttt	tgtggtgatc	540
accagtcaag	aggaagtcca	agagaaatat	gtggtgtgtg	ttttattcgt	cttttggaat	600
ctattggata	tggttaggta	cacttatagc	atgttatcag	tcataggaat	atcctatgct	660
gtcttgacat	ggctcagtc	aacactatgg	atgccaattt	atcctttgtg	tgttcttgct	720
gaagcatttg	ccatctatca	atcgctgcct	tattttgaat	catttggcac	ttattccacc	780
aagctgccct	ttgacttatc	catctatttc	ccatatgtgc	tgaaaatata	tctcatgatg	840
ctctttatag	gtatgtattt	tacctacagt	catctatact	cagaaagaag	agacatcctc	900
ggaatctttc	ccattaaaaa	aaagaagatg	tgaagtacag	cattccagtg	tgacacgaga	960
aaagacaggc	tgtggattca	gtgcagtaaa	taaaacacag	gaagtattct	ggtggaaaaa	1020
ttccttggtg	tttgataaaa	atccattaca	tgaataaact	gcacataccc	ccaaaactct	1080
agacataaca	ggctatgttt	ttcacacatt	gtatttttaa	gacatatata	ttctccatac	1140
cctgcttcac	caaaattcct	gcttcatttg	gattttatac	aagttatact	tacattgtat	1200
gaagtctgat	tattttcctg	taagtttaat	gaaaaatagg	agattagctg	caatagattc	1260
aatttaatta	aaaaaccaa	cttgaaa				1287

```

<210> 6960
<211> 2024
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1769)...(1015)
 <223> similar to gi4688672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6960

ctatttttgtt	ggtttttgttt	cggctagcta	gatagactat	cagctgaaca	ctctcttgaa	60
ggagttccag	ctaacagagg	agaacactaa	gctccgatat	ctcacctgtt	ctcttattga	120
agacatggcc	gccgcgtatt	ttccagactg	catagtcaga	ccctttggct	cctcagtcga	180
cacttttggg	aagttaggat	gtgatttgga	catgtttttg	gatctagatg	aaaccagaaa	240
cctcagcgct	cacaagatct	caggaaat	tctgatggaa	tttcaagtga	aaaatgttcc	300
ttcagaaaaga	attgcaactc	agaagatcct	gtctgtgtta	ggagagtgcc	ttgaccactt	360
tggccctggc	tgtgtgggtg	tgcaaaaaat	attaaatgcc	cgggtgtccgc	tcgtgagggt	420
ctcacaccag	gcctccggat	ttcagtgtga	tttgactacg	aacaatagga	ttgccttgac	480
aagttccgaa	ctcctttata	tatatggtgc	cctagactca	agagtgaag	ccttggtgtt	540
cagtgtacgg	tgctgggctc	gagcacattc	actaacaagt	agtattcctg	gtgcatggat	600
tacaaaatttc	tcccttacaa	tgatgggtcat	cttttttctc	cagagaagat	caccccttat	660
tcttccaaca	ctagattcct	taaaaaccct	agcagatgca	gaagataaat	gtgtaataga	720
aggcaacaac	tgacatattg	ttcgtgactt	gagtagaatt	aaaccttcac	agaacacaga	780
aacattagaa	ttactactga	aggaattttt	tgagtatttt	ggcaattttg	ctttcgataa	840
aaattccata	aatattcgac	aggggaagga	gcaaaaacaa	cctgattcct	ctcctctgta	900
cattcagaat	ccatttgaaa	cttctctcaa	cataagcaaa	aatgtaagtc	aaagccagct	960
gcaaaaat	gtagatttgg	cccagaaaag	tgccctggatt	ttacaacagg	aagatacaga	1020
tcgaccttcc	atatcaagta	atcggccctg	ggggctggta	tccctattgc	taccatctgc	1080
tccaaacaga	aagtccttta	ccaagaagaa	aagcaataag	tttgcaattg	aaacagtcaa	1140
aaacttgcta	gaatctttta	aaggtaacag	aacagaaaat	ttcacaaaaa	ccagtgggaa	1200
gagaacaatt	agtactcaga	catgatggct	gctacattgt	gtaaagaact	gggcttagcc	1260
tatcaaatgg	tctgtggact	tacttgga	aactgatttg	aaactttcac	agatctcagc	1320
tttcatctga	tgtcactttt	catgatcttc	tatttgccc	ccttaacctg	gtctgaagtt	1380
ctgggatgtt	ttcagtttga	tcagtctgat	actcagtggc	actttattaa	aacatcagct	1440
gtggagtgtg	gcggtgcaca	cctgtagtcc	cagctgctca	ggaggctgag	gcaggaggat	1500
ctcttgagcc	caggattttg	aatccatcgt	ggacaacata	gcaagattcc	atctctaaaa	1560
aaaatgaaaa	taaacataag	ccacaaggaa	tgggtgaaag	attattgtaa	tgtgctttta	1620
cgtaaatagg	taaatatact	aaacaaatgc	taaaactcag	ttttaggatg	gaacccatt	1680
gttgatatcc	caccatcagt	ccctgtttag	aaaacattta	aaaatgactt	ttagttacgt	1740
acagtacgtt	ggcaatgaat	accattaagc	ctcaaaat	ggtagtgccc	ctcggaatat	1800
gtatatttgt	atttttcaag	cgaagttctc	ttattcacat	ataaattaaa	gtgggttggt	1860
actgatata	aaaaatgttt	atgtttttag	aacagacatt	tcagtccctg	cattcttagg	1920
tattccaaac	cagatttgat	gacatcaata	gattgcattt	taaaaatatt	gtttgatttt	1980
tctattttta	aaaataaaat	tctgttttcta	actaaaaaaa	aaaa		2024

<210> 6961
 <211> 2114
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (906)...(444)
 <223> similar to gi5091552 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6961

tttcgtcggg	ctggaggggc	cgggactggg	cagcgcctaa	agcgcccat	gccgcttaac	60
gcggtctctc	atagccgctc	gccttccttt	cacttcctgt	tccttcagaa	agcgctgtgc	120
cttggacca	ccttacttct	tactattgac	agctcagcta	actcctattc	atccttcaaa	180
acccatctct	ggtggtttgg	ctttgaatga	cagcaagaac	tctgtcttta	atggcttcat	240
tggtagcgta	tgatgattcg	gactcggagg	ctgagacaga	gcatgcagga	agttttaatg	300
ctaccggcca	gcagaaagac	acttctgggtg	tggccagacc	acctgggcag	gattttgcat	360
ctggtacact	ggatgtgccc	aaagcagggg	cacagcccac	aaagcatggc	tcctgtgaag	420
accagggggg	ctatcgccct	ccattggctc	agcttggggg	aagcgatcgg	ggatcttgcc	480
ccagccagag	gctacagtgg	cccgggaagg	agcctcaagt	caccttcccc	atcaaagagc	540
cttcttggtc	ttctctgtgg	acgagccatg	ttccagccag	ccacatgccc	ctggcagctg	600
cccgttttaa	gcaagtaaaa	ctctccagga	actttcccaa	gtcatctttc	catgctcaaa	660
gtgagtctga	aaccgtaggt	aaaaatggca	gctcttttca	gaagaaaaaa	tgtgaggact	720
gtgtgggtacc	ctatactccc	agaagactaa	gacagcggca	ggcattaagc	acggagacag	780
gcaagggtaa	agacgtggag	ccacaggggc	cccctgcagg	gcgtgcccc	gccccctctc	840
acgtggggccc	gggagtgtct	gagtttatct	agccatattt	gaatagccat	tataaagaaa	900
ccacagttcc	ccggaaagtg	cttttccacc	tgagaggcca	cagggggccct	gtcaacacca	960
ttcagtgggtg	tccagtcctt	tctaagagcc	acatgcttct	ctccacttct	atggataaaa	1020
ctttcaaggt	atggaacgcc	gtggactccg	ggcactgcct	gcagacctac	tccctgcaca	1080
cagaggcagt	gcggggccgc	cggtgggctc	cctgtggccg	gcgcctcctc	agtgggtggct	1140
ttgacttcgc	gctgcacct	acagaccttg	aaacaggaac	ccagctatct	agtgggtcgaa	1200
gtgacttttag	aatcactacc	ttgaaattcc	atccaaaaga	ccacaacatc	tttttatgtg	1260
gaggcttcag	ctctgaaatg	aaagcttggg	atataaggac	tggcaagggtg	atgagaagct	1320
acaaggcgac	catccagcag	accttgga	tcctgttcc	ccgggaaggc	tccgagttcc	1380
tgagcagcac	agacgttcc	accggggact	cagctgaccg	caccattatt	gcctgggatt	1440
tccggacctc	tgccaaaatc	tccaaccaga	ttttccacga	gagggttcacc	tgccccagcc	1500
tcgccttgca	cccagagagag	cccgtgttcc	tggcacagac	caatggcaac	tacctggccc	1560
ttttctccac	tgtgtggccc	taccggatga	gcagacggcg	gcgctatgaa	gggcacaagg	1620
tggagggtcta	ctcagtgggc	tgcgagtgt	ccccaggcgg	tgacttgctg	gtgacgggca	1680
gcgccgatgg	ccgggtcctg	atgtacagct	tccgcacagc	cagccgagca	tgcacactgc	1740
aggggcacac	acaggcctgt	gtcggcacca	cctatcaccc	cgtgctgccc	tccgtcctcg	1800
ccacctgctc	ctggggaggg	gacatgaaga	tctggcactg	agctttttgt	caactgaacct	1860
tcccgatgcc	agctgggctc	ttggactccc	ctcttccca	agggtagatg	agaggaacga	1920
gcacagaggt	tggctgtggg	tcctgggtac	caccttctga	gcctcagttt	cctcatctgt	1980
aaagtgggga	gaaaagtctg	tttgccctcag	gagtggtgagg	actacactag	tgaaagcgcc	2040
tggcgggcag	ccggcgatgc	ccaataaatg	tgtgttttgc	tgttttgtaa	agtgatttca	2100
gcaaaaaaaaa	aaaa					2114

<210> 6962
 <211> 1534
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1017)...(479)

<223> similar to gi3228237 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6962

cgacgatttc	gtggcgagtc	cggggcagga	agaacgcacg	gatggagaca	acaggaagga	60
aagagacctt	cctggtcaca	cttgggccac	aggagaacag	gcagcggccc	aggaggatcc	120
agggtcctga	tgggtggtga	gaagctggtt	cttagtgatc	actcagaaac	gtcggcctgg	180
ccttgtgggg	tcagaccttg	catctcagtc	agcccaggga	gaagaagaag	atggtccaca	240
cccaagtga	gggaacatcg	tggcagtcgg	ctgggtgcct	gcgtccaggc	gaggacacct	300
cccgcattcg	ggaaacacac	gtttctggag	tgaggaggct	gaaggcaggg	cccagaggag	360
agctgagcca	tggaaaggag	tgtgtgcatg	gatggtgagc	tagagcaggt	gcagggtgcct	420
cagggaggat	gtgtgggacg	aactgactca	gggaaccata	agaaatgctt	tcaccaaaca	480
ggagaaacct	gaaggtcttg	gtccagagcc	tcagatctta	cactggcagc	acacagggac	540
acaacagttg	gactggcagc	aacagggtct	gcagcagctg	gactggcagc	acacggggac	600
acagcagctg	gactggcagc	agcagggtct	gcagcagctg	gactggcagc	aggatgatcc	660
acagcctgag	gagcagcaac	agggtctaca	acagctggac	tgggagcagc	cacaagaacc	720
acatcccccc	ttggaacccc	cacaggagcc	acagcccccc	ttggagcccc	cacaggagcc	780
acagctggtg	caggaacagg	ctggcaccca	ggagcacacg	ggcttgcagc	agcagacagg	840
cacataacat	ctggagccac	atccccca	gctggagctg	cagccccac	agccagagcc	900
acagccccca	cggccggagc	cacagcccc	acagccagag	ccacaacccc	cacagctgga	960
gccacagccc	ccacagccgg	agccacagcc	tctggagcag	ccacagcagc	ccatggttct	1020
ggtggattga	gggtggagca	ggtagaggag	caggtgagag	ggaggtgcag	gtgtggagct	1080
ccctgagcct	gggtctttta	tatacctgtc	cagatgtcag	gcattgacaca	gggtcccttt	1140
cttgtgactg	tttacactat	ttttccagag	ctctattttt	ttcctctttg	ctagtgactt	1200
ccttctggct	cagttgagca	tctactttct	ttgttttcta	aatttgtctt	tttccccatt	1260
tgttttggcc	cctacaatta	aaacctcagc	tccaggctgt	ctggttcttc	ctgcaaagct	1320
ccagggtgct	ggtcacctgc	tctctgctga	ccacatgtga	ccaatgggca	acagcctctg	1380
cccacgtgct	ctaattcttc	ctgtgttgac	tccctcaata	atattaattt	tacattttta	1440
gatttcaaaa	ttatccacga	tctttatact	catgccagtc	tcagctttcc	gggtgtgtta	1500
gaccattctt	tgcattgctc	taaagaaata	cttg			1534

<210> 6963

<211> 2968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(2192)

<223> similar to gi806856 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6963

atcgtgaccg	tgagagaaga	agatggggcc	cctgcagtgg	cgccgcctgg	tgtggtggtt	60
agtcgggcta	acaagcgag	cggcggggg	ccgggaggca	gcggtggcgg	gggagccaga	120
ggggcgagg	aggaaccgcc	gccgccccta	caagcagttc	tgggtggcga	tagcttcgat	180
cgccgcttct	tccccatctc	caaggaccag	cctcgggtcc	tcttgcccct	ggccaatgtg	240

gcattaattg	actacactct	ggaattcctg	actgccacag	gtgtacagga	aacattttgtc	300
ttttgttgct	ggaaagctgc	tcaaatacaaa	gaacattttac	tgaagtcaaaa	gtggtgccgc	360
cctacatctc	tcaatgtggg	tcgaataaatt	acatcagagc	tctatcgatc	actgggagat	420
gtcctccgtg	atgttgatgc	caaggctttg	gtgctgctctg	actttcttct	ggtgtatggg	480
gatgtcatct	caaacatcaa	tatcaccaga	gcccttgagg	aacacagggt	gagacggaag	540
ctataaaaaa	atgtttctgt	gatgacgatg	atcttcaagg	agtcattccc	cagccaccca	600
actcgttgcc	acgaagacaa	tgtggtagtg	gctgtggata	gtaccacaaa	cagggttctc	660
cattttcaga	agaccaggg	tctccggcgt	tttgcatttc	ctctgagcct	gtttcagggc	720
agtagtgatg	gagtggaggt	tcgatatgat	ttactggatt	gtcatatcag	catctgttct	780
cctcaggtgg	cacaactctt	tacagacaac	tttgactacc	aaactcgaga	tgactttgtg	840
cgaggtctct	tagtgaatga	ggagatccta	gggaaccaga	tccacatgca	cgtaacagct	900
aaggaatatg	gtgcccgtgt	ctccaaccta	cacatgtact	cagctgtctg	tgctgacgtc	960
atccgcccgt	gggtctaccc	tctcacccta	gaggcgaaact	tcactgacag	caccacccag	1020
agctgcactc	attcccggca	caacatctac	cgagggcctg	aggtcagcct	gggccatggc	1080
agcatcctag	aggaaaatgt	gctcctgggc	tctggcactg	tcattggcag	caattgcttt	1140
atcaccaaca	gtgtcattgg	ccccggctgc	cacattgagc	caggtgataa	cgtgggtgctg	1200
gaccagacct	acctgtggca	gggtgttcga	gtggcgctg	gagcacagat	ccatcagttc	1260
ctgctttgtg	acaatgctga	ggtcaaggaa	cgagtgcac	tgaaaccacg	ctctgtcctc	1320
acttcccagg	tggtcgtggg	cccaaataatc	acgtgcctg	agggtcggg	gatctctttg	1380
caccctccag	atgcagagga	agatgaagat	gatggcgagt	tcagtgatga	ttctggggct	1440
gaccaagaaa	aggacaaagt	gaagatgaaa	ggttacaatc	cagcagaagt	aggagctgct	1500
ggcaagggct	acctctggaa	agctgcaggc	atgaacatgg	aggaagagga	ggaactgcag	1560
cagaatctgt	ggggactcaa	gatcaacatg	gaagaagaga	gtgaaagtga	aagtgcagca	1620
agtatggatt	ctgaggagcc	ggacagccgg	ggaggctccc	ctcagatgga	tgacatcaaa	1680
gtgttccaga	atgaagtttt	aggaacacta	cagcggggca	aagaggagaa	catttcttgt	1740
gacaatctcg	tcctggaaat	caactctctc	aagtatgcct	ataacataag	tctaaaggag	1800
gtgatgcagg	tactgagcca	cgtggtcctg	gagttcccc	tgcaacagat	ggattccccg	1860
cttgactcaa	gccgctactg	tgccctgctg	cttcctctgc	taaaggcctg	gagccctgtt	1920
tttaggaact	acataaagcg	cgcagccgac	catttggaag	cgttagcagc	cattgaggac	1980
ttcttccctag	agcatgaagc	tcttggtatt	tccatggcca	aggtagctgat	ggctttctac	2040
cagctggaga	tcctggctga	ggaaacaatt	ctgagctggg	tcagccaaag	agatacaact	2100
gacaagggcc	agcagttgcg	caagaatcaa	cagctgcaga	ggttcatcca	gtggctaaaa	2160
gaggcagaag	aggagtcata	tgaagatgac	tgaagtcaca	ctgcctgctc	ctttgggtgt	2220
gattgagtg	cctcctggct	cctgggctgg	gacaagtgcg	gaactagctg	cagaggggatg	2280
agtgaccacc	atccaggctg	agactgaaag	gagcagaggc	tggaactaca	gtattctttc	2340
ccctgctagc	aacctgtgct	ctcccatcct	gactgtggag	ttgggatgtg	gaagtggggc	2400
tggaacaaaag	cttctgccta	gggaggagct	aagcaggccc	ggcagttgga	ggaaggccag	2460
aggaacagct	ttgtgctccg	gctttccctc	agggaaacagc	agagagcagt	tggctctttc	2520
tgctgcttgt	atatgttaat	attaaaagag	agagtgggtg	atttggtttg	tctccatccc	2580
tgactaatca	gccagtgaag	tatgtgacca	gaatcacatg	atagcctttc	cttaacacct	2640
gggggagagg	gaggacgggt	gtgccaccca	ctaggtggta	ctgtgggtacc	ttgctaatta	2700
acctttccca	tggtcatggt	gtagtggagg	gctggagggtc	ttttccagcc	tctgtggacc	2760
aacttgtgat	cctgggggtg	tgtgcctaag	cccgtttcca	tagagtccca	ttttgaacac	2820
ttttctgcca	aaggattatg	ttgccaacca	tatgtaaagc	ccagttcctt	tcacatgcct	2880
tttccagttg	atctggtact	cgttctgtca	ggaagctggg	ccacgcttca	tcagaaataa	2940
ggaaatcagc	tcaaggtcac	atgactct				2968

<210> 6964
 <211> 1375
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (944)...(793)
 <223> similar to gill142588 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6964

atgatcactt	ccagagtaga	aaactatgaa	tgtgggatag	ccttctgaaa	aagccacaaa	60
tttatgaaac	attagagaat	tcttccaagg	tgacaaatta	tataatgaaa	aagctgttac	120
cagaaacttt	cagcagacat	cttattgata	atattttaatc	agcattctca	ttgaaatctg	180
aaacaaggta	tcttccatca	gcataacaac	acaacacttg	agctcctagc	caatgtatta	240
agtaaggaaa	acaagtatca	acgaagaact	ataaaaaataa	cttttataca	agaaataatt	300
agaaaatgtg	ttgatagaaa	acctaagaat	aaacacaaca	atgagttagg	tctttatcaa	360
gttataaaat	atggtgaaag	gcacaaaaga	acacctgaaa	aatgatattt	tgtctgaaaa	420
gacttgacat	tgtaaaaata	taattttctt	cccaaatac	taagttta	atacttctga	480
agtttacatc	agttttattt	taaggaaactt	cacaaactta	tccaaaaatt	ttatgtggaa	540
aagtaaagaa	acacaaatag	ctgaaacaaa	cttgacaaag	caagtagaga	agacacactc	600
tattattaga	tatatcatgt	acttatttta	agctgctgtc	atttaaaca	tgtattacca	660
agtgaataaa	tcaagcagta	gtaagatagt	gagcattcat	acaaaaatcc	aagaagatac	720
aggaattctg	tgtatgacag	tgctattgaa	atcactgggg	aatgaatggc	ttatttaata	780
aatggaagg	tcataggaga	aaaatttttag	ctttctactt	tatatcatat	acaaaaataa	840
aatccaacta	aagaccagaa	tataaaaagc	aaaattttta	aactatgatg	aaagtagaat	900
ccgttacttt	agggttaaca	gatttcttta	aaaaacatgt	aaacatggaa	tagtctgttg	960
aattttggtg	tattggcctc	acaggcaccc	acaaatgtac	acaaagagat	atatatcact	1020
gtgttcctga	atcatgggtt	gtattgccca	aaattggata	taacaaattt	ttatcaattg	1080
tggaatagat	gaataagtgt	gatcatttct	gtgataaaat	acagaattta	gaaacaaaat	1140
ctacctatag	ttatatggat	agattacaat	atataatatt	gagagaaaaa	attaaaatgc	1200
acaaaggaac	acagtataac	atttgtataa	tttaataaga	tcttgcaaag	aacagtactg	1260
tgtattgggtc	atggatccat	atatgacttg	gttgcccttt	gggatgtggg	aaagggttgg	1320
tgggagttgt	tatattttatc	tgtaatatatt	ctttaataaa	agagtgaag	caaat	1375

<210> 6965
 <211> 1734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1735)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (952)...(1144)
 <223> similar to gil561608 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6965

ttttgctccg	gctgcaggaa	ttcggcacga	gggaacaagg	tctgtacccc	acttttctct	60
ctgtgagcag	tctggacttc	tcaactgctac	atgatgagta	tcttcccctt	tccggatctg	120
ctgagccgga	cagcagtgtc	ggactgcaca	gccccggggc	tccacattgc	tgtacgcaca	180
gagatgatat	gcaagttcct	ggtacagctc	agcatggatt	tcagctccta	ctacaaccgg	240
gagcctcgac	cacacctctt	tggtcagatg	ttcgtccgcc	tgcagcttct	gagagctgtg	300
cgtgaggtgc	tccatactgg	cctggctatg	ctgggtctcc	ctccactgag	ccacatttaa	360
ggccacagag	gctccaatac	ctgggaatgt	tcacaaagtc	atcaactgga	aaaaaagcaa	420
aaacccacgg	ccaaaataaa	ttggtactgt	ttgttacaaa	gttctgtctt	gtcatgggga	480
gtcgggcata	ttcttggcag	caactccactc	accttcagct	cctgcaccga	catcaggaac	540
ccacggccac	cacctcctcc	cctcaaggca	tgtctgagcat	gggcacagac	agcccttccc	600
tgtctcatgc	tgtctgtgag	caggccccat	gcccagcacg	ccagccaccg	caggatacct	660
cagtcatacc	agttgtaaac	ctcaagcccc	tgacccccaa	gggcacaacg	gtggccaaac	720
tcagggtctca	caggccagca	gtccatgtca	gccacatcag	gcacatggaa	cacagtgtca	780
ttcatgaagg	tgggttcacc	atgccccaga	cgcacagaag	tcagccgttg	atcaatggag	840
gctgagacca	tgatgcttgg	gcttaggatc	ttgaggcctg	tcacatgggc	agcatgtgca	900
caggggacag	agtattcctc	tagcacacgc	agctggggta	ccagcccagc	ctctcccaca	960
gcctcttcta	gctgtagcat	ctccacagca	agcacgaaga	catggaggga	tccatcttca	1020
ctgccactgg	ccacgagatg	gtggccctca	cgggtgggca	aggtgtgcag	gctgttgata	1080
ccacagctgt	gggcctggag	agtcaggagg	ggggtgccaa	gccggtaggg	aagcccagga	1140
tccactggag	gctccaggac	agtggagtca	tgggtctagca	tgggtggtag	atcccagaaa	1200
gccaggctgc	catcagtagc	tgcgctgcac	aggaggagcc	tccgcctctg	gttgggtgcc	1260
tcggtgtgtaa	aggagtggac	cttgaggaca	catcgcttat	ggtggaaggt	ttcagcaagg	1320
agctgcagaa	tccgcccaga	atcctgcaaa	agaaagagcc	ttacggcccc	atcactacag	1380
gctgcagcca	caaggggggc	aaggccgggc	tgggtcaagtt	cacacacagc	aagggacatg	1440
tacctggtct	ctgggtctac	cttaaccatc	cgatgccgat	tgcgttgccg	gtcccaatac	1500
tcatctagcc	ggtgggacga	aagggtgatg	acatggcagg	cgaggcggtc	tgggggtgctg	1560
gggtccggag	taaccatgat	gctgaagcag	tgcattctcag	cccgcctccc	cgcagacacc	1620
acatgggcag	tcaggcctgg	ctgaggatcc	tgaggggccac	ctgggggtgcc	aatgccccac	1680
acagccacag	cacgtaccga	gaaaataaag	ttcaacagcc	ttnnntgcgt	gcga	1734

<210> 6966
 <211> 1653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (68)...(1490)
 <223> similar to gi4091879 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6966						
cagccttact	gaacatcttt	ccttcttttca	gccaaactgct	cactcgctca	cctccctcct	60
tggcaccatg	accacctgca	gccgccagtt	cacctcctcc	agctccatga	agggctcctg	120
cggcatcgga	ggcggcacgc	ggggcggtct	cagccgcac	tcttcgctcc	tggccggagg	180
gtcctgccgt	gccccagca	cctacggggg	cggcctgtct	gtctcctctc	gcttctcctc	240
tgggggagcc	tgcgggctgg	ggggcggtca	tggcggtggc	ttcagcagca	gcagcagctt	300
tggtagtggc	ttcgggggag	gatatggtgg	tggccttggg	gctggcttcg	gtgggtggctt	360
gggtgctggc	tttgggtggg	gttttgctgg	tgggtgatggg	cttctggtgg	gcagtgagaa	420
ggtgaccatg	cagaacctca	atgaccgcct	ggcctcctac	ctggacaagg	tgcgtgctct	480

```

ggaggaggcc aacgccgacc tggaaagtga gatccgtgac tgggtaccaga ggcagcggcc 540
cagtgcagatc aaagactaca gtccctactt caagaccatc gaggacctga ggaacaagat 600
cattgcggcc accattgaga atgcgcagcc cattttgcag attgacaatg ccaggctggc 660
agccgatgac ttcaggacca agtatgagca cgaactggcc ctgcggcaga ctgtggaggc 720
cgacgtcaat ggcctgcgcc ggggtgttga tgagctgacc ctggccagga ctgacctgga 780
gatgcagatc gaaggcctga aggaggagct ggcctacctg aggaagaacc actaggagga 840
gatgcttgct ctgcgaggtc agaccggtgg agaagtgaac gtggagacgg atgccgcacc 900
tggcgtggac ctgagctgca tcctgaatga gatgcgcaac cagtacgagc agatggcaga 960
gaaaaaccgc agagacgctg agacctggtt cctgagcaag accgaggagc tgaacaaaga 1020
agtggcctcc aacagcgaac tggtagagag cagccgcagt gagggtgacgg agctccggag 1080
ggtgctccag ggcctggaga ttgagctgca gtcccagctc agcatgaaag catccctgga 1140
gaacagcctg gaggagacca aaggccgcta ctgcatgcag ctgtcccaga tccagggact 1200
gattggcagt gtggaggagc agctggccca gctacgctgt gagatggagc agcagagcca 1260
ggagtaccag atcttgctgg atgtgaagac gcggctggag caggagattg ccacctaccg 1320
ccgcctgctg gagggcgagg atgccacact ttctcccag caagcatctg gccaatccta 1380
ttcttcccgc gaggctttca cctcctcctc gtcctcttcg agccgtcaga cccggcccat 1440
cctcaaggag cagagctcat ccagcttcag ccagggccag agctcctaga actgagctgc 1500
ctctaccaca gcctcctgcc caccagctgg cctcacctcc tgaaggcccg ggtcaggacc 1560
ctgctctcct ggcgcagttc ccagctatct cccctgctcc tctgctgggtg gtgggctaata 1620
aaagctgact ttctggttga tgcaaaaaaa aaa 1653

```

```

<210> 6967
<211> 934
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (714)...(296)
<223> similar to gi4929751 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6967
tttttttttt ttcacacgca caacttggga atttaatctt cacttttctt cccataaata 60
tagagtgagg gtgtgatacc agccccagcc cagtctcctt ggggtctgca tctctgcttc 120
ctggcagcct cttgagtcga cttggggatt tgacgtcagt tgctcagctc cattcctttc 180
cttctggact tggggagggtc cgggatatgt cggggagtgat gtcagtgcag gggactgagg 240
gggtggttcc cattcttccc tcttagcccc cttcaaccaa tgatccaagt tcaaggagct 300
catctctggt tttcagacca tcgagctagt gccttgaagt ctccggaaca gcgcacccag 360
gaaggggatg ttgcagacat tgcccaggaa gccgaaggcg acagggaata agcccttaaa 420
gaggctgaag aatccgtagg ttccaggaa catgccgagg aggggccagc gtaggagcac 480
gataaccaca cccccaggga ggaagctggg tcccttgagt ttgtgccgtt ggaagaagaa 540
ccaaaagggtc ttctcaggc caatgatgag ggacaggccc gtcaggaaca gcaggtttcc 600
aaaggccagg agcacggaat caaagtacag gagtgttcca aagaggatga agaagatgcc 660
gaaaccggtg atccccacac caatcttctg ccattcggtg atggagatca tgccgcactc 720
agcctggggg gctttccggg tggaaagcgg caagtggagc gtggcccaga ggacgcagct 780
ggtacatggt cacgggaagc tgacccttgg ttaagttgcg aaatgagcct gtggcgaatc 840
attaactctc cctccagccc ccgctccacc cccgcacacc acgcaggtgc ttctactcgc 900
cagctccctc ctcccgtttt ccggtagggc aatg 934

```

<210> 6968
 <211> 1009
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (692)...(977)
 <223> similar to gi5902566 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6968
 atactcctgc tgacccccca tctctccgcc ccgggtctga cgggggagtg cccgtggctc 60
 gggctcactc ccactatctc tacggacaca tgctctccgc cttccgggac tagccatggc 120
 ccccaagggt ggcttccctc ttctgggttt cacaggctcc tctggccctg acccctcttg 180
 ctcggtcccc ttcttccgc agctcctagt ctcgccctg actttccggt tgccctggat 240
 ctcagaatat attcgtccac cccctcggca cccattacc ccgagtcaca ccgtgtgtcc 300
 gttgtaagtc cgggtgatgt ggctgggggt tcctggtatt gtggaggcac ccagggtgtc 360
 catgcttggg attctggggg aaggagagaa gggcagctca ggggtgatgt gaagccaccc 420
 ttctcttctt ggacccagcc tggctcgcac tgcaacctcc accaggacca ggatcctggg 480
 ccacaggctg ggatggtcct tccaagaaag ggtcatttca gacgcagccc tgcttgggct 540
 attcaatctt aggggtgtcta tccacgtctg gctgtgccaa atgggtctggc agctggtttt 600
 ggcattccca gcatcaccac tcttccaacc catcacctg actgcagttc ctgcccccat 660
 tctcttgggg tcagggaggg gctgggaagg gctactgaag gccccattct cccacaggat 720
 ggtgaggctg ggaggaggaa gactgaggta gagattccag gccctggcat aagctgaatc 780
 ccaaatttgg gtttgggaag aaccagagag aaatggatcc ctgagctctg agccaagggt 840
 gaggatgggg aaactctaag ctccaccta ataagaagca taggcagacc agccagaggg 900
 agagccaatg gcctctggtg gccttaagcc caaaaggcag tgggaatgtc ccctgcccc 960
 accatcgggt ggagcttctg ctgggctatg gggaaggagg gtttctcgg 1009

<210> 6969
 <211> 1533
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1525)...(1282)
 <223> similar to gi2337952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6969
 ggccgcgggtg gcactgcctg atgctcggcc cagtgtgccg gtgccccgct gggtagacagt 60

```

ggactcccag ggcgcagcat gagcagggtga cagactgttg gctgaagggtg aggggtgtcca 120
ccctcccagg cacacgttcc agggagcacg gcactcaagc agggccgtca gactgggctc 180
tggtgcccag aagctgtgca ggccggagag aagcactacc acccttcctg cgcgctatgt 240
gtcaggagcg gccagatggt tgcagaaggc gaaaagatgt atcttcaagg ttcctccatc 300
tggcatccgg cgtgtcgaca agcagccaga actgaagaca gaaacaagga aaccagaact 360
tcctcagaga gcatcatttc tgtccctgct tccagcacct caggggtctcc gagccgtgtg 420
atztatctgt tgtttatagt ggtgcagaca cgtcacatca acagccgaca gttggggcctt 480
gccagacacc caggcgggac cctgcagagt ttgcaaataa cggcacggat ctgtgtacat 540
caacacgcac gctctcccag cgtgttccct aaaagaagca agttaagggt caagcttggt 600
ggtgagatcc tggactacag ggacttgga gcccttccta aaagtaaggc catctatgac 660
atcgaccgcc ccgacatgat ctctactca ccctacatca gccactctgc aggggacagg 720
cagagctacg gcgagtcccc tcagttgctc tcgccaacgc cgaccgaggg ggatcaggat 780
gaccggtcct acaagcagtg ccggacctcc agcccaagct ccactgggtc ggtagcctc 840
gggcgctaca ctccgacctc acggtcacca cagcactaca gccgtccagc tgccaggcga 900
tcggatgggg aggatggaag cttggaccag gataacagga agaagagcag ctggctgatg 960
ctcaaggggg atgcagacac aaggaccaat tctccagacc tggacaccca ggccttgtcc 1020
cacagcagcg ggaccgacag agaccctctc caaaggatgg caggggacag ctttactca 1080
caatacaaga tctatccgta tgactccctc atcgtcaca accgaattcg cgtgaaactg 1140
cccaaagacg tggaccggac gagactggag agacacttgt cgcccgagga gttccaggaa 1200
gtgtttggga tgagcatcga ggagtttgac cgcttgccc tctggaagag gaatgacctt 1260
aagaagaaag cccttttggt ctgacggctg ccagcctgcc ccactggtgt gtgccgggcg 1320
ccgaggccag gggccccctg cgagaaccgc acacaccct cccacacacc ttgctctggc 1380
ttctctgtgt ccatgggggtg ggcgggaggg ggtccccag caggtgcggc ccctgcacct 1440
gccggcgaca ctctgcccg tagtttaggg ccgagacggc tagcttcacg ccacccttcc 1500
ccgctgtggc ttggtgtcag ggataggctg taa 1533

```

```

<210> 6970
<211> 1153
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (972)...(428)
<223> similar to gil945762 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6970
tttttttttt ttgggtgtgc aaaacttctt ctttactgtt caactcctta caacttgcac 60
aaaggcgta tttctacctc agagctgggg gaagtcataa ttagtgtacc acctatgtgc 120
tgggcacagt gaattttaat gcctcccctt tagaggagag gttatgataa tgtgaagacc 180
cccccccacc acaaagggtt tccggcactt tgggtgcaaaa aggattgggt caatcctgtg 240
ctggcttggg gtacagaaag gcaactgaagt tgggtggctc aactcctctg ggctgggggtg 300
gggcagaggt gaacaggga gtaagtgggt tgggacaggc aggtttggat gtgggcttgg 360
gttcttgctg acggaggtag ttggtcctgc gtgggggatg ggggtggaag ggcagcttga 420
gcctcaggct ggggtggatg tgcgtgtgct gccccatct gccagctca ccagctcact 480
gctctggaac cacagctgga tctcccgtg gggccccctc acggagtcgc tggcgtggat 540
gacattcctg ctgatgtgga cgctgaagtc accccttatg gttcctgggg cagcctcagc 600
cgagtcgggt tgtccaatca tggccctcga ggcgcggacg acattgtacc cttcccagac 660
catggccacc acaggcccag agctcatgta gcggatgagg gcagggtaga agggcttctt 720

```

ccgcaggtcc	tggtagtgt	cggcaaggac	gctctctggt	gcctgcagca	tcttcatccc	780
caccagcgtg	aagccccgcc	tctcaaagcg	ctggatcacg	tccccaacga	gccgccgttg	840
cacgccatcg	ggcttcaccg	ccaccagggt	ccgctcccgg	gtccaggagg	gccctccttc	900
ctatagtccc	aggctgtctc	agagccaagc	taccctccgg	catcgggtcc	ctggtttcca	960
gaggagccca	gaccctgtat	gtccacaga	atctggacag	agccaaagg	gctccgccag	1020
gccaggagga	aaagttaacc	ccagcaggcg	gctgaagccc	acgggaggaa	gacccccctg	1080
ttggtttgtt	ccccaaaac	ccagtttgca	gggcgccttg	tgtagcctgg	ggctctgctg	1140
cggctggtgc	ggg					1153

<210> 6971
 <211> 1127
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (748)...(1026)
 <223> similar to gi501027 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6971						
tttcgtcctg	ggctcctgagt	ttgagaaagc	agagcctcgc	cccagcaggt	actcacagcc	60
agagtgcggg	ggccccagca	ggttctcaca	gccagccggt	gggtgcacct	cagagcacag	120
gggcccagag	ccaggccact	ccttcagggc	cccaggtcgc	ttgctgccag	ttttggcctg	180
tgagctcact	ggcctcagt	ccaggtaagg	acagccacct	tcctgggaag	aagagggtgac	240
cccgggtctg	gtggatttcc	cacaggggcc	gtcagaggat	gtccacagag	gcagagccct	300
tggggcctgt	gggctgggtt	gggctgggtg	atgtggggcc	tgggacttct	ccagaagctt	360
acttcctgct	gcatgctttg	ccgactgtcc	ttccacctct	aagtgtccat	cgtgcctgtg	420
ggggctgctg	caggctcctg	ctccgtcagc	ccacctgctg	ctgcgctgct	ctgggagcga	480
gctccctcat	ggcatctgga	acgctctcct	gtcctccctg	tgctcagggc	tggagagagg	540
gtggcggggc	tgcgggctcc	ccgggccttc	tgggcccagc	cctgccacct	gggcccacct	600
cctctcactg	tctctggctc	acgcttccc	ggcctggagc	tgggacctgc	ccataggcat	660
ctgaagacac	gtcagcctca	gccgggggga	gcccttgctt	gacgctctct	ggcctccggg	720
ctgcctctcg	cgcccgtctt	gggcccgtct	ttcttctcat	gatgtctttc	ctttcacctc	780
ctgcgttgct	tgacatcgct	gctctcttca	taaattgtag	cgttttatgt	tttcgttcat	840
aggagtgttt	tatttgattt	ttctttattt	taaattatta	catttaagtt	ctttttattt	900
tatgctctag	gttttgaagt	ttttctaatt	tcttaatttt	tttggtgttt	tttggtttgt	960
tttggttttg	tttttatgta	ctgtattttc	agtgttttaa	ccaaacagtt	gtggctactc	1020
atggtgagga	atgaccgcta	agagtttggg	ttctttcagt	gcatttgagg	gtcactgcta	1080
cacgttgatg	tttagcagct	tgagagggtt	gcctttagtg	tccacag		1127

<210> 6972
 <211> 1491
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (870)...(672)
 <223> similar to gi65184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6972

ttaattaaat	ttaatcccag	ggaaattaga	tgtcgaattt	gaacacctaa	ctttccatgt	60
actctctcat	ttttgtcgga	agtgtttcta	tactctaata	cctttacaaa	tgtgattttt	120
ctcttagctc	gtttgaagta	tgagaattag	agtttttggt	ctcgcatcca	cctgctacat	180
ctaggattgc	ccactgtcat	gactcccagg	gaaaagggtcc	tatcttaggc	ttcctcctcc	240
ctactttcct	ctacatgggt	cagcactgta	atgtaggcta	aggatatagg	taagggcatt	300
gctccctccc	ccctacactt	caaggagggt	cacagggtcta	atgggggggag	ttcaggaagg	360
ccagagtatt	aatatcccca	tctgtgtctt	ttgccttcca	tgaacctggg	ttttgagccc	420
tctcttgtaa	aatgggcaca	gtaatattac	ctacctcagg	gagttgtgag	gattaaacat	480
gaagtgctaa	gcatagtgcc	tggtacaaag	acagtactca	ataagtgcta	cctaaaacta	540
gtattcatag	caatactgtt	aggataaaga	attatcatat	atgagatagt	tccaaatttt	600
tgttttttta	aaaaaaaaag	agttttataa	gttcaagata	atattttctt	acttcaaaga	660
aacaatctca	caacgaggga	atggtaagaa	tcaggagaga	ttactaacct	ggcagaggag	720
ctatcacaat	cacaaagggtg	gtttttccag	ggcacggctc	atccattaca	ctccagatgt	780
gctgacccct	gccatttccc	caaagtgtgg	aaacccaact	gcacagtttg	tagtagtggg	840
tgactgtgtt	catgcgctcc	cctgaaaaca	acaacaacaa	caaagaatca	gaagagatac	900
taggctgtct	aattcctaaa	tccaaacctg	atattttctaa	gtaagattat	aagaattttt	960
attgcatttt	ctgaatttgc	ttttgcataa	gttatgttat	ttttacaggg	tctatattac	1020
tattatttct	tagaataata	ctaattataa	aacaaaattc	tgtatatcac	atttaaattgt	1080
aatttaatat	aattataatc	acaagacaag	accaaacttt	gttgataatc	ctcagtaatt	1140
gcgaaagggg	tatatacatg	taggccagca	tacatgcata	aactacttct	tattgctagt	1200
ctaattgatc	catatgtagc	aaatacacga	gttcagcaat	atcttgtgct	tacagggctc	1260
taagcagagg	tgatgagtca	agtgtaaata	tatatatata	tttttttatt	tttcatggca	1320
attgtatatt	agtaacctgg	ggagaaaagg	tttattgaca	accactctga	tccatctgct	1380
gctattttta	ctgctaattt	ggtgcacatt	aaaaagaatg	atcatgaaaa	gatattactt	1440
tgagttaaaa	gtatatatat	atatatatat	atatatatat	atatacacac	c	1491

<210> 6973
 <211> 1976
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (296)...(1147)
 <223> similar to gi3924670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6973

aatttcccgg	gtcgacgatt	tcgtgcaacc	ctctggaggc	agcgcgcccg	cgggcagcct	60
cggtgtggct	ccttgggctc	tgttggcggc	ggcgctagct	tcggagtctc	ccgcgcgcac	120

```

ctcagccgcc tcctagcggc gcggcgctcg ctccctacgcc taaaatgacc aatgtgtgat 180
ttcagtgga taaatggcgt ccaaagtcac agatgctata gtctggtatc aaaagaagat 240
tggagcatat gatcaacaaa tatgggaaaa atctgttgaa cagagagaaa tcaaggggct 300
aaggaataaa ccaaagaaaa cagcacatgt gaaaccagac ctcatagatg ttgatcttgt 360
aagaggggtc gcatttgcaa aggcaaaagcc tgaaagtcct tggacttctc tgaccacaaa 420
gggaattgtt cgagttgtat ttttccctt tttcttccgg tggtggttac aagtaacatc 480
aaaggtcatc tttttctggc ttcttgtcct ttatcttctt caagttgctg caatagtatt 540
attctgctcc acttctagcc cacacagcat acctctgaca gaggtgattg ggccgatatg 600
gctgatgctg ctccctgggaa ctgtgcattg ccagattggt tccacaagaa cacccaaacc 660
tcctctaagt acagggggta aaagaagaag gaaattaaga aaagcagccc atttggaagt 720
acatagggaa ggagatggtt ctagtaccac agataacaca caagagggag cagttcagaa 780
ccacggtaaca agcacctctc acagcgttgg cactgtcttc agagatctct ggcatgctgc 840
tttcttttta tcaggatcaa agaaaagcaaa gaattcaatt gataaatcaa ctgaaactga 900
caatggctat gtatcccttg atgggaagaa gactgttaaa agcgggtgaag atggaataca 960
aaaccatgaa cctcagtgtg aaactattcg accagaagag acagcctgga acacaggaac 1020
actgaggaat ggtcctagca aagataccca aaggacaata acaaatgtct ctgatgaagt 1080
ctccagtgag gaaggtcctg aaacaggata ctcatctacgt cgtcatgtgg acaggacttc 1140
tgaaggtgtt cttcgggaata gaaagtcaca ccattataag aaacattacc ctaatgagga 1200
cgcccctaaa tcgggtacta gttgcagctc tcgctgttca agttccagac aggattctga 1260
gagtgcaagg ccagaatctg aaacagaaga tgtgttatgg gaagacttgt tacattgtgc 1320
agaatgccat tcatcttgta ccagtgaagc agatgtggaa aatcatcaga ttaatccatg 1380
tgtgaaaaaa gaatatagag atgacccttt tcatcagagt catttgccct ggctccatag 1440
ttcccaccca ggattagaaa aaataagtgc tatagtatgg gaaggtaatg attgtaagaa 1500
agcagacatg tctgtacttg aaatcagtgg aatgataatg aacagagtga acagccatat 1560
accaggaata ggataaccaga tttttggaaa tgcagtctct ctcatactgg gtttaactcc 1620
atgtgttttc cgactttctc aagctacaga cttggaacaa ctacagcac attctgcttc 1680
agaactttat gtgattgcat ttggttctaa tgaagatgtc atagttcttt ctatggttat 1740
aataagtttt gtggttcgcg tgtctcttgt gtggattttc ttttttttgc tctgtgtagc 1800
agaaagaact tataaacagg tgggtataat gtagacttcc gaataagaat attttatcgt 1860
tttcataata ttaaaagtat tcctgaagta ctttattatt tcattatatc atttttacct 1920
aattattttt tttttttgct tttatagtac ctaaccaaatt aaaatcttaa caattc 1976

```

<210> 6974

<211> 6248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (388)...(3582)

<223> similar to gi5689559 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6974

```

gcggccagac taggcccaag ccgcggtctc gagtaggccc gagacggccg ggccgagggg 60
aatgttgttg aggaggctgc gtctgaagca cggttgagcg gctggcgccg cgcggaacca 120
gcggagggggc tgcgagggga aggcgagcga ggttcccgcc ggtacgggga ctatcccaga 180
attttacgcg cgtcgccgta ggggccggaa ctaccggacg agcctccgct gaggcgcttc 240
gcagtcccgg agctagcccg gctgccggcg tgtcgctggg gctgagctcc gcgggcgtgg 300
agtccttgca gcccaaagca tgaggaggtc cctgtaggat tctggactga agacgttctt 360

```


gtcaggtttg	gggcgtgagg	aggttcctgt	cagttgggga	agcgttaaga	ttcctctatc	420
gtccagagag	gacgcgtgct	gccgcctccc	gcccctcttg	acacgacgaa	cctggccggc	480
cgcagaacgc	tccagggccg	agcgaagatg	gcctcggtgc	cggtgtattg	cctctgccgg	540
ctgccttacg	atgtgacccg	cttcatgatc	gagtgtgaca	tgtgccagga	ctggtttcat	600
ggcagttgtg	ttggtgttga	agaggagaag	gctgctgaca	ttgacctcta	ccactgcccc	660
aactgtgaag	tcttgcatgg	gccctccatt	atgaaaaaac	gccgtggatc	ttcaaaagggg	720
catgatacac	acaaggggaa	accagtgaag	accgggagcc	ctacgttcgt	cagagagctc	780
cggagtagga	cttttgacag	ctcagatgaa	gtgattctga	agcccactgg	aaatcaactg	840
accgtggaat	tcctggaaga	aaatagcttc	agtgtgcca	tcctggctct	gaagaaggat	900
gggttgggca	tgacgctgcc	ctcgccatca	ttcactgtga	gggatgttga	acactatgtt	960
ggttctgaca	aagagattga	tgtgattgat	gtgaccgcc	aggctgactg	caagatgaag	1020
cttgggtgatt	ttgtgaaata	ctattacagc	gggaagaggg	agaaagtcct	caatgtcatt	1080
agtttggaat	tctctgatac	cagactttct	aaccttggtg	agacaccgaa	gattgttcga	1140
aagctgtcat	gggtcgaaaa	cttgtggcca	gaggaatgtg	tctttgagag	acccaatgta	1200
cagaagtact	gcctcatgag	tgtgcgagat	agctatacag	actttcacat	tgactttggt	1260
ggcacctctg	tctggtacca	tgtactcaag	ggtgaaaaga	tcttctacct	gatccgcccc	1320
acaaatgcca	atctgactct	ctttgagtg	tggagcagtt	cctctaatac	gaatgagatg	1380
ttctttgggg	accaggtgga	caagtgtctac	aagtgttccg	tgaagcaagg	acagacactt	1440
ttcattccca	caggggtggat	ccatgctgtg	ctgacgcctg	tggactgcct	tgcttttggg	1500
gggaacttct	tacacagcct	taacatcgag	atgcagctca	aagcctatga	gattgagaag	1560
cggctgagca	cagcagacct	cttcagattc	cccaactttg	agaccatctg	ttggtatgtg	1620
ggaaagcaca	tcctggacat	ctttcgcggt	ttgcgagaga	acaggagaca	ccctgcctcc	1680
tacctggtcc	atggtggcaa	agccttgaac	ttggccttta	gagcctggac	aaggaaagaa	1740
gctctgccag	accatgagga	tgagatcccg	gagacagtgc	gaaccgtaca	gctcattaaa	1800
gatctggcca	gggagatccg	cctggtggaa	gacatcttcc	aacagaacgt	tgggaagacg	1860
agcaatatct	ttgggctgca	gaggatcttc	ccagccggct	ccattcccct	aaccaggcca	1920
gcccattcca	cttcagtgtc	catgtccagg	ctgtcactgc	cctccaaaaa	tggttcaaag	1980
aagaaaggcc	tgaagcccaa	ggaactcttc	aagaaggcag	agcgaaaggg	caaggagagt	2040
tcagccttgg	ggcctgctgg	ccagttgagc	tataatctca	tggacacata	cagtcatcag	2100
gcactgaaga	caggctcttt	ccagaaagca	aagttcaaca	tactggtg	ctgcttgaat	2160
gactcagatg	acgactcacc	agacttggac	cttgatggaa	atgagagccc	attggcccta	2220
ttgatgtcta	acggcagtac	gaaaagggtg	aagagtttat	ccaaatctcg	gcgaaccaag	2280
atagcaaaga	aggtagacaa	ggctaggctg	atggcagaac	aggatgatga	agacgaat	2340
gacttggatt	cagatgatga	gctgctgatt	gacgagagat	tgggaaagga	gaaggcgacc	2400
ctgataataa	gaccaaatt	tccccggaaa	ttgccccgtg	cgaagccttg	ctctgacccc	2460
aaccgagttc	gtgaaccagg	agaagttgag	tttgacattg	aggaggacta	tacaacagat	2520
gaggacatgg	tggaaagggg	tgaaggcaag	cttggggaatg	gtagtggcgc	tgggtggcatt	2580
cttgatctgc	tcaaggccag	caggcagggtg	gggggacctg	actatgctgc	cctcaccgag	2640
gccccagctt	ctcccagcac	tcaggaggcc	atccagggca	tgctgtgcat	ggccaacctg	2700
cagtcctcat	cgctctcacc	ggctacctct	agcctgcagg	cctggtggac	tgggggacag	2760
gatcgaagca	gtgggagctc	cagcagtggg	ctgggcacag	tgtctaacag	tcctgcttcc	2820
cagcgacccc	cagggaagcg	gcccataca	cggccagcat	actggagAAC	cgagagcgag	2880
gaggaggagg	agaacgccag	tctggatgaa	caggacagct	tgggagcgtg	cttcaaggat	2940
gcagagtata	tctatccttc	actggagtct	gatgatgatg	accctgcttt	gaaatctcga	3000
cccaagaaaa	agaagaattc	agatgatgct	ccatggagtc	ctaaagcccg	cgtgacccca	3060
actctgccga	agcaggaccg	tcctgtgcgt	gaggggacct	gggtagcctc	tattgagaca	3120
ggtttggctg	agcagctgc	aaagctggcc	cagcaggagc	tacagaaggc	ccaaaagaag	3180
aaatatatca	agaagaagcc	tttgctgaag	gaggtagaac	agcctcgccc	tcaagactcc	3240
aatctcagtc	tgacagtacc	agccccact	gtggctgcca	caccacaact	tgtcactctc	3300
tcctcacc	tgctcctcc	tgagcctaaa	caagaggccc	tgtcaggaag	tctcgctgac	3360
catgagtaca	ccgctcgtcc	caatgccttt	ggcatggccc	aggcaaaccg	cagcaccaca	3420
cctatggccc	ccggtgtctt	cttgacccag	cggcgccctt	cagttggctc	ccagagcaat	3480
caggcaggac	aaggaaagcg	tcccaaaaag	ggcctggcca	cagcaaagca	gagactcggc	3540
cgtatcctga	aaatccacag	aaatggcaaa	ctacttctgt	gagccctcct	gtgtccacc	3600
cctcaccct	ttaccccat	tgcttctcc	attgtcaact	cttggggcac	tcctggatcc	3660
tatctgccct	ggacaaggtg	ctgaggtgca	ttgtcctgct	ttcttgggac	ttaccaaagg	3720
cacggacccc	tccaccgact	ccttctagtt	cccttcccc	ctttcactag	agcatcctgc	3780

```

ctgccttctc cactgaggag caggtaaagt ggagagggtt ccagctgact agaaccctct 3840
tttctactcg tccaaaccac tcccgtcacc tgccttgtct gttctttatt cttcatcccc 3900
cgctagagct ggaaggcagg atgaggagag gtatgaagga gcctgagcca tgaagtggga 3960
agcccagtgct ttgacacttt ctgcaactct agccctatat ccagaagcct gccacacctc 4020
acccattctg tttgccccat tccccagtc cagtggacat gccccacctc cagacttgct 4080
catgggagaa ggctgtggtc tctgccccct cttgccaaat gcttcatgga aatgaagagg 4140
aaggcctaga gcctccttcc tgccccactg tgggccattt ccagaagtgg cctagaaatg 4200
ccaacttcac ttacctttca aaagaaagg gattcctatc acttgtcaag gtagggagag 4260
gtcagatgcc caagcctttg accacggttt tgtagcctgt tggaggaagc tacttttagc 4320
tggctacaca tgaggccact tgttttaggg tgagctccag ggatttgctt ggattttgaa 4380
atcatgtaga acattatcca cgtggctgtg gctgtggctg tggctgggcc ctggcagggtg 4440
gaaaaccatc tcccagaaac ctgaaagcac ctgccaatga cgcagataac cctggcccta 4500
cagcctgctt gctccgccta taccacagag cacagcctgg acattatgga ggggtgtggcg 4560
ggacggccca cacctggggg cctccatcgg gaacttttca tgcttctttc tccacctgag 4620
gtcttggtct gaagaagacc tcaggactca catcttact cctgggcctt tgcacttcca 4680
gacgacaggt catcggtcaa gcagaatgca gacaggccat tcacgagccc aagttgaaga 4740
gaagagacgc ccatccgtga aggagcagac catccatccg atcctcccc tccccgtgcc 4800
ttccttcgtg gattgtctcc attgtccaga cagtgcctcc acctccacc gccttgctc 4860
actggcaatc tggactcgat ggagaacatc cccccacctc catttgccac tacccaagt 4920
gagtgtaccc ttgccctttc cacctgtacc accactcca acctacccc agcttgccca 4980
atgcttctgg ggaatttaat agctaccatg caggccacag ggaatttgtg aggcctcttt 5040
tgtcatcttt gtatctccag tttgtctttc tttctccat agccctgcct ctactttcct 5100
tccttgggaa tcaggggttc ctttagccca tttgctttct ctacctggg gaccccaggg 5160
gccaaagcagt tctccatcta gtcacaccaa aggcaaaaag cctggctacc tccccctag 5220
cacgtgagtc cctactcccc tccccctgtt ttctgcccag ctttgcttat tttggggatt 5280
tcaaggcagc agagggtagt gaggggagag caggagaagc ctctgtcctg tataggcaac 5340
tgctgacta tgcggtgact gctgtaacca agatcaggtc ccagaccctt ttgtccatta 5400
acaccccttc ttgatctttc aaaggcagct aattgctagc aaatcccccc gattccggcc 5460
ttttccctct atttctttgt tagaagtttt ctgtggagct gaaaccagc ctctgtttga 5520
ctggggttca tttagcttag ttgggttctt agagccccct gtttgttgtt ttgtgttgtt 5580
tccaatgaaa agcaagttaa cctcagagt tatgcttttc caaagaggct gatgtctttg 5640
tttttgtttt ttttaatgtt tcaggttcta agtgaagtga gttggggagg ggttgggagt 5700
gttagtaatc aaggtttaga acaccatgag atagttaccc ctgatctcca gtccctagct 5760
gggggctgga cagggggaag ggagagagga tttctattca ctttaatat atttttacaa 5820
aaaaagcaaa caatttaaaa acaagccac cgcttctgta catgtctaaa tataatttta 5880
gaagtgggta ggattgtgaa tttctgatgc agggcctttt tataaatagg ttagggtagc 5940
atcattcaga cttctctgtt gttttgtcc ctgtcttttt cttatgttgt gttactaatg 6000
taatttatat tttttttaga tcctcccttt cctatagaga taaaagtgat ttatcttggc 6060
aattgctttg cttggcattc ttttttttg tgatgagggt ggtggtgtgg tgcagggtct 6120
gggagtgtct ccttctcctt gtactctttg tctctccctc agcaagttgt caggcatttc 6180
cctggtgtct agccttatgc ttgaagtggg aagggtattc ccacctcag gagggacacg 6240
cttcacac 6248

```

<210> 6975

<211> 2085

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (781)...(785)

<223> similar to gi3646270 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 6975
agaaaggcca attttctttt tattttttat gactcacaac ctatatgggt taatgtatca    60
caatactatc tccattttct cttttatggg caaaaagtca ttagataatc tgcctaagta    120
taatagaaaa atattaagct agattaagaa aaatatttgg ataaaatatg tgaattaagt    180
gtaaaatcct tttggataaa atatgtgaat taagtgtaaa atccttaata ttcccaaggc    240
ttgggcaggt cacctctttg agaaaaatga ggtggttaag gtcaaactctg taggaagaaa    300
atgcattatt ttgaaaggag taacaattgc tttaaaattt aatttacagg tgcaattatt    360
tgtgaagtct gaaactaata actatttcag aattttaaag aagaaaatgg ctaatataga    420
caggattact aattcaaggt attccaagtt tttgttaata aagaccagcc acttttaatt    480
agagatccaa gtcttaatgt aaaaatcagg ctttccaaag tctcattaac agatatatta    540
aaggcgacta ttttatgact tactgaacta aaaaaagag tcaagggtgac ctcataaag    600
atatgtcggt cattttattct gaatcttata ttgatagata ataccagaag atttcagcat    660
agcagataaa atacagcaaa tcctaaccag cacagggtttt agtgacaaac gggcccgttc    720
catggacata gatgacttca tcaggtaatt acatttttgt tttcctaagt gtttacattt    780
ctttactgtg acaccttcag attggagatt ttaaaggcct ttaagcggta taagggtgcta    840
cctgggagag ttattgcata gcacttccat ggcattggaat agtatttggg gtagaagatg    900
gaggctagtt agctgcagca gaatgaacat tttctttaag aacagtagta aagaacagtc    960
cgagccagaa agattgccct ttgtgttaat gtgggtgtgc aggttcccaa tgtgggttgt   1020
gcaggttcct cccttcctgc tccttcccca actctcattc atagtcttag tcttaatagc   1080
ttatccctcc aaaatagtcc ataaggtaga aaaatcataa tacatgtaac tggatctgat   1140
ttttaaaatt tccttactgg gaatagctgt tgttaaatac atcttaagca tacaataatg   1200
ccagttagaa tcctacctgg ttatccattt aggaataata cagttttgta gcctgaagca   1260
agttctacac ttctcaagta aaaagctgtc ataattatct aggtaattta gacccaaatt   1320
tgttttgctt gaattaagca agtaagtctt atgaaaacag aataaggctt caattaatta   1380
cccaggtaat tactaacctg tacttactgt ttttaatcat taagatgtta actttcagaa   1440
ggtcttgctt atttagccaa ttcactttta aagcttccat gttctagagg ctgaataaaa   1500
aatgagagta gattgttcta aaagtcttgg gtttgacttt ttctaagctg gaaacacagt   1560
tctatataac taagacaaat ggagtttata ttttattggc tggctagcag tactactgag   1620
tcatttttaga tgttaatcct aggcatgaa tactattcat aaatatctac tttgcttttt   1680
tagaaattta tctggacctg tttctatggg ccagcctaaa cataacctca ggtctaaaga   1740
gaaatatttt ctctttttct tcattttcac taaatttcct caaagttatt gggcatgtgc   1800
agtttactaa ctagaatcta ttaagtacat aggtatctac agagagaaac aatgtgtatt   1860
taatttgaat ataaacaaca gctcaagaga ggaagaaggg gcatgtaaga ttggtttttc   1920
atctgacttc tgccaattcc aaacagcttc ttgttcagtt accttgaaac aaatgccagt   1980
gagttcttag gcctgggata atgaaagtct aagataattt tagtcaaatt cattacgaca   2040
taaaggctct aatgaaagag gcaccaacat ggcattggtt taacc                      2085

```

<210> 6976

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (157)...(289)

<223> similar to gi205610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

1. The first of these is the fact that the
 2.
 3.
 4.
 5.
 6.
 7.
 8.
 9.
 10.
 11.
 12.
 13.
 14.
 15.
 16.
 17.
 18.
 19.
 20.
 21.
 22.
 23.
 24.
 25.
 26.
 27.
 28.
 29.
 30.
 31.
 32.
 33.
 34.
 35.
 36.
 37.
 38.
 39.
 40.
 41.
 42.
 43.
 44.
 45.
 46.
 47.
 48.
 49.
 50.
 51.
 52.
 53.
 54.
 55.
 56.
 57.
 58.
 59.
 60.
 61.
 62.
 63.
 64.
 65.
 66.
 67.
 68.
 69.
 70.
 71.
 72.
 73.
 74.
 75.
 76.
 77.
 78.
 79.
 80.
 81.
 82.
 83.
 84.
 85.
 86.
 87.
 88.
 89.
 90.
 91.
 92.
 93.
 94.
 95.
 96.
 97.
 98.
 99.
 100.
 101.
 102.
 103.
 104.
 105.
 106.
 107.
 108.
 109.
 110.
 111.
 112.
 113.
 114.
 115.
 116.
 117.
 118.
 119.
 120.
 121.
 122.
 123.
 124.
 125.
 126.
 127.
 128.
 129.
 130.
 131.
 132.
 133.
 134.
 135.
 136.
 137.
 138.
 139.
 140.
 141.
 142.
 143.
 144.
 145.
 146.
 147.
 148.
 149.
 150.
 151.
 152.
 153.
 154.
 155.
 156.
 157.
 158.
 159.
 160.
 161.
 162.
 163.
 164.
 165.
 166.
 167.
 168.
 169.
 170.
 171.
 172.
 173.
 174.
 175.
 176.
 177.
 178.
 179.
 180.
 181.
 182.
 183.
 184.
 185.
 186.
 187.
 188.
 189.
 190.
 191.
 192.
 193.
 194.
 195.
 196.
 197.
 198.
 199.
 200.
 201.
 202.
 203.
 204.
 205.
 206.
 207.
 208.
 209.
 210.
 211.
 212.
 213.
 214.
 215.
 216.
 217.
 218.
 219.
 220.
 221.
 222.
 223.
 224.
 225.
 226.
 227.
 228.
 229.
 230.
 231.
 232.
 233.
 234.
 235.
 236.
 237.
 238.
 239.
 240.
 241.
 242.
 243.
 244.
 245.
 246.
 247.
 248.
 249.
 250.
 251.
 252.
 253.
 254.
 255.
 256.
 257.
 258.
 259.
 260.
 261.
 262.
 263.
 264.
 265.
 266.
 267.
 268.
 269.
 270.
 271.
 272.
 273.
 274.
 275.
 276.
 277.
 278.
 279.
 280.
 281.
 282.
 283.
 284.
 285.
 286.
 287.
 288.
 289.
 290.
 291.
 292.
 293.
 294.
 295.
 296.
 297.
 298.
 299.
 300.
 301.
 302.
 303.
 304.
 305.
 306.
 307.
 308.
 309.
 310.
 311.
 312.
 313.
 314.
 315.
 316.
 317.
 318.
 319.
 320.
 321.
 322.
 323.
 324.
 325.
 326.
 327.
 328.
 329.
 330.
 331.
 332.
 333.
 334.
 335.
 336.
 337.
 338.
 339.
 340.
 341.
 342.
 343.
 344.
 345.
 346.
 347.
 348.
 349.
 350.
 351.
 352.
 353.
 354.
 355.
 356.
 357.
 358.
 359.
 360.
 361.
 362.
 363.
 364.
 365.
 366.
 367.
 368.
 369.
 370.
 371.
 372.
 373.
 374.
 375.
 376.
 377.
 378.
 379.
 380.
 381.
 382.
 383.
 384.
 385.
 386.
 387.
 388.
 389.
 390.
 391.
 392.
 393.
 394.
 395.
 396.
 397.
 398.
 399.
 400.
 401.
 402.
 403.
 404.
 405.
 406.
 407.
 408.
 409.
 410.
 411.
 412.
 413.
 414.
 415.
 416.
 417.
 418.
 419.
 420.
 421.
 422.
 423.
 424.
 425.
 426.
 427.
 428.
 429.
 430.
 431.
 432.
 433.
 434.
 435.
 436.
 437.
 438.
 439.
 440.
 441.
 442.
 443.
 444.
 445.
 446.
 447.
 448.
 449.
 450.
 451.
 452.
 453.
 454.
 455.
 456.
 457.
 458.
 459.
 460.
 461.
 462.
 463.
 464.
 465.
 466.
 467.
 468.
 469.
 470.
 471.
 472.
 473.
 474.
 475.
 476.
 477.
 478.
 479.
 480.
 481.
 482.
 483.
 484.
 485.
 486.
 487.
 488.
 489.
 490.
 491.
 492.
 493.
 494.
 495.
 496.
 497.
 498.
 499.
 500.
 501.
 502.
 503.
 504.
 505.
 506.
 507.
 508.
 509.
 510.
 511.
 512.
 513.
 514.
 515.
 516.
 517.
 518.
 519.
 520.
 521.
 522.
 523.
 524.
 525.
 526.
 527.
 528.
 529.
 530.
 531.
 532.
 533.
 534.
 535.
 536.
 537.
 538.
 539.
 540.
 541.
 542.
 543.
 544.
 545.
 546.
 547.
 548.
 549.
 550.
 551.
 552.
 553.
 554.
 555.
 556.
 557.
 558.
 559.
 560.
 561.
 562.
 563.
 564.
 565.
 566.
 567.
 568.
 569.
 570.
 571.
 572.
 573.
 574.
 575.
 576.
 577.
 578.
 579.
 580.
 581.
 582.
 583.
 584.
 585.
 586.
 587.
 588.
 589.
 590.
 591.
 592.
 593.
 594.
 595.
 596.
 597.
 598.
 599.

<210> 6977

<212> DNA

<213> Home

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (386)^{-} \dots (2221)$$

```
<223> similar to gi560153 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

5641

```

cagtattgat ggccagttcg gaggggccta cgacgccaac gtgctcgtct acgagggcgg 1140
ctccgtgacg tggctgcctc cggccatcta ccgcagcgtc tgcgcagtgg aggtcaccta 1200
cttccccctt gattggcaga actgttcgct tattttccgg tctcagacgt acaatgccga 1260
agaggtggag ttcaactttt ccgtagacaa cgacggcaag accatcaaca agatcgacat 1320
cgacacagag gcctatactg agaacggcga gtggggccatc gacttctgcc cgggggtgat 1380
ccgccgccac cacggtggcg ccaccgacgg ccagggggag actgacgtca tctactcgct 1440
catcatccgc cggaagccgc tcttctacgt cattaacatc atcgtgccct gtgtgctcat 1500
ctcgggcctg gtgctgctcg cctacttctt gccggcgag gccggcgagg agaaatgcac 1560
ggtctccatc aacgtcctgc tcgcccagac cgtcttcttg ttcttcattg ccagaaaaat 1620
cccagagact tctctgagcg tgccgctcct gggcaggttc cttattttcg tcatggtggt 1680
cgccacgctc attgtcatga attgcgtcat cgtgctcaac gtgtcccagc ggacgcccac 1740
caccacgcc atgtccccgc ggctgcgcca cgttctcctg gagctgctgc cgcgcctcct 1800
gggctccccg ccgcccgcgc agggcccccg ggccgcctcg cccccaaggc gggcgctcgtc 1860
ggtgggctta ttgctccgcg cggaggagct gatactgaaa aagccacgga gcgagctcgt 1920
gtttgagggg cagaggcacc ggcaggggac ctggacggct gccttctgcc agagcctggg 1980
cgccgccgcc cccgaggtcc gctgctgtgt ggatgccgtg aacttcgtgg ccgagagcac 2040
gagagatcag gaggccaccg gcgaggaagt gtccgactgg gtgcgcatgg ggaatgccct 2100
tgacaacatc tgcttctggg ccgctctggt gctcttcagc gtggggtcca gcctcatctt 2160
cctcggggcc tacttcaacc gaggcctga tctcccctac gcgcggtgta tccagcctta 2220
gctgcgaccg acttcaattt cccacccatc tccagtagga aattgatttt gaaaaagtag 2280
gctgccgcca ccacggcatt atgatccctt cccctgctg atcaatctgc agtttgtgaa 2340
cttcacaaga atggtgtgtg cccgttccct ggcggtgtga ggcctggccg cagtccaggg 2400
gtcagcagga ggaaaggggt cacataggct ctcaagtgcc agtcttccag aaagcaagga 2460
ctgccctt
2468

```

```

<210> 6978
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (275)...(146)
<223> similar to gil480863 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6978
tttcgtgagc tcgctgagc gaggcactgg gtgtgcgtgc gtgtgttatg ggtttgattc 60
cagagcaggt tgcacattgg tcttgggtgg ctcgcaggct caggctcgtgc ttgggcgtcc 120
tcttcctaat cgtttccgaa gtagcagcag cagcaccacc accagcagca gcagcagcag 180
cagcaccacc accagcagca gcagcagcag cagcagcagc agcagcagca gcagccgccc 240
cggcaacatc gagctcagcg gcacagcagg cagaactgtg cagaagcgag caccgtttgg 300
ggagtcgggg gggcggttaa gaggaggagg ggggaaagcc tgtcttggtc tttgggatta 360
ttttttttcc ccttccttcc ctctctctct ctt
393

```

<210> 6979

<211> 651
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (424)...(7)
 <223> similar to gi65184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6979
 tttcgtgctg ctgcttcgcc acctgctgct tcgccacgaa agagttcccg tgccgtggga 60
 gcaagtctgg gacctctggt cggaacggag agtcgcagct gtgtgttagg gctaggatgg 120
 ctccgttatg cgcgtgagga aagtgcacct gcgtgtaaag ggtgaggaat atgaggctgc 180
 ggcggggcgg aggggcgcga gcttatactt atgtttatct gacagaagaa atgttatgat 240
 cacgaagggtg gtttttccag agcaaggctt agcagtttta ctgtggatgt gctgaccctt 300
 gtgatttccc cgaatgtggg aatcttgatt acataatttg tggcagtggg gaactgtgtc 360
 tgtgtttttc cctgggttgt tgtcgtttta aaagtggatt ttgtttgctg tgggaagcata 420
 tacaaggcgt tagtataaac taataaacag gtctttgttc ccatctgtaa cttactttca 480
 aagtaaagat ttgcccaggt agtggttggt tctcacgctt gtaatctcag tagtctgtga 540
 gatgcattga taactttatg ttaataccgc tcgagctctg gagtttgatg tcagtgtggt 600
 caaatatggt ggacccgtct ctactaatct cttaactttt ttttttgctt t 651

<210> 6980
 <211> 2035
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2036)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1793)...(676)
 <223> similar to gi5523990 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6980
 tttttttttt ttacacaatt ctctagttta tttgtccgaa ataaatacaa cctgagaaca 60
 tccatttcaa tgtcccaaaa cactatttat cccctgaaaa agcagcttaa aatatgggtg 120
 cacattttgc agcttatgtt ctttggttag gctctgaagg gtgtttgttc tgggctgggc 180
 taggctgggc ctagctgtag agacacacct aagttccgtt ctctgtttgg aggctgcacc 240
 cagcctgagt cccaccagt cccctccaag agccctgatg ctgcttccgg agcacctgtc 300
 ttcattgcct ctcccttctg cagcctgaaa ggagggatgt tcaggactct gcagctctgt 360
 gtccagccct tgcagagagc tttgtcctct gacatcagct accacacagg ctcatcttca 420

actggcacag	aaagggttac	ttctgaccct	acagcagctt	accaggggca	aagtgagaga	480
aactgaagca	cagctggtat	atgggtttaa	agtactctcc	ctttaaccct	gccaggaggc	540
tgagagtccc	taaaaaatac	agaaggggac	actgcctgcc	tactccagtt	attccctggg	600
gccctggggc	actagggagc	aggaggacgg	ggaggccaca	ggccaccctt	tgtctcctct	660
ttgtgggtga	ggctcagagg	attgggtcca	tgttctcctg	gtctgaggct	gcctcatcat	720
catctgggga	ctccagactg	aggctcctgc	cccgcgcgag	ggtggcatag	aagtgcagca	780
cacgggggtc	acagcgaacc	gccatggggg	caaagtccag	cacacgtagg	ccctgcaggc	840
tgcgggcccg	agaaagggcc	acataggcct	ggccactggc	aaacacacgg	cccagagaaa	900
tctccacaca	atccagggtc	atgccttggc	tcttgtggat	ggacatcgcc	caggccagct	960
ggagggggcag	ctgctgccga	ctgaggagct	ggcccccggt	ggcctgcacc	gtccagcggt	1020
cagcgtggat	gccaactcagt	actccacaga	ggaaccgcac	ctggggtagc	cctctccctt	1080
ctgcctcgaa	ccaactacc	acccctcggg	caccattcac	caggccccga	gacaccgata	1140
agtttttcac	cagcatcacc	tgggccccca	gctttagtgt	aaggagcttg	ctaacaggac	1200
actgggcatc	cagggtactg	gccagctcag	ggttgctgtc	catagcctca	aatctgtgta	1260
ccttacctgg	cagctcctga	agccgcctct	cgttggtgag	ggccacatca	tcctggtggg	1320
tgcagagcct	cgtggccaca	atcccatctc	gccccacctt	gtgggaagct	gtggcctgga	1380
gctggcgggt	cacctcatct	gaacacctgc	ctaacctcac	ggcctgcagt	aaaaaaaaaga	1440
aggtttggtt	tgctgcctc	cccccttgg	tcagctccag	ggtcactggc	acaccccttt	1500
ttcaggtttt	ggactggaaa	caaaaccgtg	ggggctggga	gcccttggtc	acaggtggca	1560
gctgcaaaaa	gtccccccag	atgatgagct	ggatccctcc	gaatggcttg	ttttgctgcc	1620
ggacagcttt	ggccccggcc	tccagtttgt	caaacaggtc	tgctccacc	attgagatct	1680
cgtaaatgac	caaccgctgg	cagttcagcc	agccctgccg	cacgcctggc	ctttggggcca	1740
gggccacaca	ctgggctaga	ggagcctggc	ctgagccgat	gcctgcaaag	gcatggaggg	1800
tggtgcccc	gatgtggcag	gctgccacc	cagtgctggc	agtggcctca	gtgctgtgg	1860
ggggcagtga	gcccaggatt	gcgttagca	gatatgactt	cctgttctct	gcgtccccag	1920
tgaagaagat	gctctggcct	ttcagggcgg	ccctcagcac	agcagcctgt	tcctcagaaa	1980
gctgtggctt	ggctcgtgcc	gaattcntac	aqqccqgtgc	aaqqgnnnt	ccatt	2035

```
<210> 6981
<211> 1027
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (452)...(651)
<223> similar to gi536845 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6981						
cgatttgact	ataaaaaatat	gccaacatca	atgatgacac	aatgtttaga	attatctggc		60
ttagcttgca	aagcagccat	cataaaaaata	ctccaatgaa	caattaaaac	attcttgtag		120
ctaataaaaa	tttatttgga	aagcttcaac	aaagaaatag	gaagtcataa	ccaaaaatag		180
aagataaaaag	agtcaaatgg	aaaattttga	actgaagaat	acaataacca	atataaaaaa		240
ctcaatgcat	gggcagaatg	gaggagacag	aggaaatatt	ggtgaactgg	aggaaacaat		300
ataaattgac	catctataca	acagagagaa	gatagagtga	aaaaaagatg	aaaggaacct		360
caaagacctt	cgagattata	gcaaaaaaaa	ccaaaataaa	acaaaaccaa	aaaccaacaa		420
acagacagac	aaaaaattaa	cctttgcatt	ccctgagtc	tagaagaccg	gaagatggca		480
gacctgaaaa	acattctaag	aaataatggc	tgaatatgtt	ttaaaatttg	ccaaagacat		540
aaatatacag	atttaagaaa	ctgagtgaat	cccaaatagg	ataaactcac	agaaattcat		600

```

agcaagacac tcatagtcaa acttttgaga actgaagaca aaaaagaaaa acaaaaagtc 660
aatccagatg tccttcaagg ggaagatgat taaaccaacc gtgatacatg catgctaata 720
gaaaaaaact actgatgcct ggaaccacct ggatgaatct ctaaagaatt atggagagtg 780
acaaaaataa ttttaaaatg ttacatagta tattgggtta tttatataac aacatgattg 840
aaataacaag atcatagaaa tggagactca ttaggggtta aggaggggga aggataagaa 900
ggaagaggga gtggccataa taggcagcac gaagtattcc tgtgccgata gaaatatttc 960
ttatcttgac agtagcaatg tcaatatact gtttggttaca ctacagcttt gcaagatggt 1020
agcattg 1027

```

```

<210> 6982
<211> 1437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (209)...(14)
<223> similar to gil389766 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6982
ccagtctcag cttactgcag cctctgcctc ctaggctcat gtgatcctct tacctcagcc 60
tcttgaatag gtgggtctac aggcacccac caccacgtcc agctaatttt tggatgtttt 120
tgtagagacg gggtttcacc atgttgccca ggctgggtctc aaactcttga gctcaagtga 180
tactcctgcc ttggcctccc aaagtgttgg aattacaggg gggagccacc acactcagcc 240
ttttttctat ttcttaaggc tcagtgtat tactgtacta ctaaggaaaa aaagacaagt 300
taatgagtct gaaagagtgt gtaaaaatag gttatttcag catctttaat ggcttgagat 360
acaaagtaca tagtttttaa atattgagta catcctatag ggagataagg atataaagat 420
gaataaacta atttcatatt tatgatacac tagtatcagt tcagaatatg attctttata 480
tataaatatt taaaagattg ttcatcaaaa caaatgtcat aaaatatttg gtggtacagt 540
tttaataaag tagaatcaga ttcttctgtg aaatgaagta taaagctgat atcgtaacta 600
ataacctgta taataccttg cattattcct gtttccaatg aagtcagtgt agtctttaca 660
tctggggcta gagacagaac agagggtctc tttcagacac atctctgagg ttgtgctttt 720
gtagattttt ttctcaaac ctatccttac ctttcttttt aatttgattt tgctttaatt 780
gagggacaag cagggatagc attgttatat tagccaatgg acagataaga ttctatcata 840
catgttctat aaacttaatg gtacttcccc agagtctgta gcctatatat cttttatcac 900
ttctctaate tcattctagc tgggtaggga gagactaatt tttgaatcaa tgagaaattc 960
agtttgggga ttccaagtaa agtaagcagt cgttactatt ccttaaattt tatgcaaaat 1020
tctattttac ttaatgtgtt acttattctt tgcaacagga ggtggtataa cagacagaaa 1080
tctacaaagg atccttgagg gttcaggtgc tacagaattc cactgttctg ctcggtctac 1140
tagagactcg ggaatgaagt ttcggtaaaa atgtattctt cgattcaa atagaaggatg 1200
agattaattt ttactttctc ccaaatagaa aaactttgga tgggggcatg attaatcaat 1260
ggaatattgt gactactaca taagtattgt agttgttttt gtagttgaaa aacatttcta 1320
aaatggttct tgtcctgtct taaataaaca ggctctttga acataggtga accttgctt 1380
gtaaaggcat tgctgaactt agaccagtta atagtaaaca aattctgcag ttgagct 1437

```


<210> 6983
 <211> 2002
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1109)...(143)
 <223> similar to gi4929553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6983

cccggacctg	cccacgctgc	gtgccaaagt	gcagggactg	ctgcagttcc	tgagggatgc	60
cctgtccatt	tccaatgcac	ataccgtgga	tttctacaca	gaatccgtgt	gggaggagct	120
ggtcgacttg	ccaccggaga	cagtgtctggc	tgcgctgagg	aagtcagcgt	cggagacgga	180
ggccctgccc	tcagagacgc	gccccctagt	ggaagcagag	tgggaagcag	gtatgactga	240
ttttcccaaa	atattttgtg	aaacttctca	gaagttgggtg	agtgtggaag	cctttgctct	300
ggctgcgaaa	tactattctg	tacaaaactt	gggaatatgt	actccttttg	aacagttgct	360
tgtagccctt	cgaggaaatc	aaaaccagag	aattggtgaa	aatcagaagg	cagttgagtt	420
tatgaatatg	aagaaatctc	atgaagttca	ggcaatgtca	gagctgatta	gcagtattgc	480
tgactactat	ggaataaagc	aggtgattga	cttgggttcc	ggtaaaggct	acctaagctc	540
ttttttgtcc	ttgaagtatg	gcttataagt	ttatggaatt	gattcttcaa	ataccaatac	600
tcatggagct	gaggagagaa	acagaaaatt	gaagaaacat	tggaaactct	gtcatgctca	660
gtcaagatta	gatgtcaatg	gactagcatt	aaaaatggca	aaagaaagga	aagtgaaaaa	720
taaagttaaa	aataaagctg	atactgagga	agtgtttaac	aacagtccta	caaatacaga	780
aaagatgcct	acctcagcta	ttttgcctga	tttttctggc	tctgtaattt	ctaataatcag	840
aaaccaaatg	gaaacccttc	attctcagcc	acatcaagaa	gaaaatttgt	gttttgaaaa	900
ttccttttct	cttataaaac	ttttgcctat	taatgctgta	gagcctactt	cttcacagca	960
aatacccaac	agagaaacat	ctgaagccaa	taaagagaga	agaaaaatga	catcaaagtc	1020
aagtgaatca	aatatatatt	cacctttaac	ctcttttatc	actgctgatt	cagaactcca	1080
tgacattatt	aaagatttgg	aggattgttt	gatggtgggt	ctccacactt	gtggtgatct	1140
ggctccaaat	actttgcgaa	tatttacctc	caactctgaa	atcaaggagg	tttgcaagtgt	1200
gggttggttg	taccacctct	tatctgaaga	atttgaaaac	cagcataaag	aacgtactca	1260
ggaaaagtgg	ggattttcaa	tgtgccacta	tttaaaggaa	gagagatggg	gctgtgggtcg	1320
taatgccaga	atgtcagcat	gtttggcatt	ggagcgggtt	gcagctggcc	aagggctgcc	1380
tactgaatca	ctcttctatc	gtgctgttct	tcaggatatt	attaaagatt	gttatggcat	1440
caccaaattgt	gatcggcatg	ttggtaaaat	ttattccaaa	tgttcttctt	ttctggatta	1500
tgtcagacgg	tctctaaaga	agcttggatt	agatgagtcc	aagctgccag	aaaaaattat	1560
aatgaactac	tacgagaagt	ataagcctcg	aatgaatgag	ctggaagctt	ttaatatggt	1620
gaaagtgtga	ctggctccct	gtatagagac	tttgattctt	ctggatcgac	tttgttacct	1680
gaaagagcag	gaagatattg	catggtctgc	tcttgtgaag	ttgtttgatc	ccgtgaaatc	1740
tcccagatgt	tatgctgtta	ttgccctgaa	gaagcagcag	tgatttccat	tgaagcaaata	1800
tattagatgt	atttctctat	gagacctggt	gctgagattg	cttttctaaa	catatatgtc	1860
ctgttataca	aaaattttta	aatgactggt	atgtatttta	aataataaaa	taatggctaa	1920
caacagaagg	ttataatcca	tttttcatt	gtcaaagcat	acattaataa	aagaagaacc	1980
tgtcataatt	ttaaaaaaaa	aa				2002

<210> 6984
 <211> 1110
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (661)...(943)

<223> similar to gi5566604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6984

gctttcctga	atgctgatga	ccttgacatc	ttagaagaac	agttgttggt	taaagggtgt	60
gagtcaaata	tccattaaat	taggtttgtc	agatatttcc	tcgaaattag	attcagctta	120
tgcatttttt	ggaaggaata	ccacagaagt	gatgttggtt	tctttctgtt	gcatccaatc	180
agatgataca	ggattttgat	ttgttccatt	actgttgaca	tgaattttga	acatttgata	240
atgccagtat	cagccagatt	tttccattgt	aaagtcattc	ctttgtcctt	tgtatttaat	300
aagtatgttt	agggactttg	agactatgtc	aatgtcctgt	tcttcatcaa	aattccactc	360
actcattctt	agtattcatt	gacgtttact	gatcgaacta	attattatta	tgatagttgc	420
caaatgttgg	tttttctaata	tcaatcattt	ctttagtgtt	tatttagcatt	ctactataag	480
gaaaagcact	atcttctccc	catttattaa	ttcacatatt	tacatcagct	tggagttatt	540
gatttctatt	ttattaaata	gtttataatt	gattaccatc	cttatttatt	ttaatgctca	600
aattgtccca	aattatggcc	aaagaaagct	ccttcaaact	ggttgctacg	tccttttgac	660
atggcccatc	attctttaaa	cacattttac	atctggcaca	ataacgtgct	acatacccat	720
cttgatTTTT	tcctgccccca	tctttgaaat	cagccattct	caagggggtc	cttcttaatc	780
tggctgttgt	tgtgttgga	ctcctggtac	catcttagaa	ccttaaggag	acaagcgaac	840
caagccaata	agctttccat	gatgctgctt	agagttaaac	agagcccagg	tactaagtta	900
tgtcatggag	acagtgaact	aacctctgga	ctgcttgcta	catgagacaa	ttgattttct	960
tattttctat	gtagggtggt	acatttcctc	atTTtgagat	atttcttcaa	catatagctt	1020
ttcatttagtg	gggattttgt	caattataac	caaaaacaat	gtgacgggat	acccaagatg	1080
tttcatgttg	tagcttgggt	gaattacaca				1110

<210> 6985

<211> 1049

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (897)...(310)

<223> similar to gi4929685 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6985

ttttttcctt	ttagtaaaaa	agtttttatca	tagcaaaaaa	tatgtattta	taaggactgt	60
------------	------------	-------------	------------	------------	------------	----

```

caggagggat aggctatttc caatatcaca gttttttttg ttggtgcctt gaaaagataa 120
gattttattac tcaagagaat gaaatccact gatagggttca cagaaacatg ttccatctac 180
agcgtaaaact ggaagatttt tctggaagtg gctgttgagg gacgccagggt gtttgaataa 240
agacagcagc atcttggtgt tatactcagg aacagcttac ccccttccat agggtaaaaa 300
gtggcttctt aggtctgcaa gaattcgggt tgtactcggg ctactttccg gaattcttta 360
gtgtgggtct tagggcacta catctcacac cagctgatgg gaaccatctg gatacctgac 420
tcaactgtgg ctaccaccac tcccagctcg ttctcggcgg tggttagcag gtagttggac 480
tgtgcatcac ctaaggagat cactttggcc aagacaatgt cacctgggag gaaactctta 540
taaatttcaa ccttgtcttt ttcaagtgtc cggacatctt ccttgaggat agttcctcga 600
aaagagttct taagaggcat ggaccccaca tacaggatgt gtactttggc aaagcgtgaa 660
ttgatgctag agaccttaca ggttacaata gctcccatat ctggcagtaa ctgggactct 720
gtttctctca ctacagacac cactggaagc gcgcattctt cgctgctctt catcagacag 780
ccggcaagcg acgaaaagat gtagccgtgg cgggtgtagg tgccgctgcc cgggctgccc 840
tcctccaagt tacacagacg ttccgcccggg atgcagtatc tcacagggtg cgccatgatt 900
gccgctgtcc caaaaccagg atgaaagcga agtcgctttc tcattggcca aagccaggca 960
cagttccaca gtaagaccgg tgtcaattgg tactccgnnn ccnngcgagc ggacgcgtgg 1020
gtcnnacagg aaattcggtc gtcagggtcc 1049

```

```

<210> 6986
<211> 1053
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (954)...(254)
<223> similar to gi9447 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6986
tttaggaaag accctttttat tgggggtggac acggagcacg cactagtcca tgataaaaat 60
aaaatgactc aagagaaaga tcccaagggc cgacttctcc ccaacgtgcg tgcacgctga 120
gtgaggcctg ggcatgggaa agttccgggc gaagcgtggg acaagaccga gtctcaatgg 180
cctggaccgg tggtgggggg gagaaggcca ctgggtgtgc ctggtaggtc aggccacccc 240
gggcccggcc ctgtcgcccc gccacagtaa agcccccgct agagactctc acagacacac 300
tctggttctc tggagaactg ggggcaggaa tcggggaact ggcccgatgg aaggcggggg 360
tcggggggac aatgttggtt tttttaaaaa gcatctacca acatcacact actgggtctg 420
atgtcccctt taaccaacgc ttgatagcag gttacagcat aaataaaaac tcaaggaaaa 480
taaatacatc ggctcctatg aggttggaag tgggtgtgaa cgcagggtgt ggatgggccc 540
gcaggggagg gggcggggcg ggtgcttaca catggcgggc aggcgggtgg gcgaccgagg 600
agcagacctg gcaggaggcg cctgtggagt tgagagtctt aagtgtcctc gtgcatgtct 660
gggctgtcgg tccgcgccac cttgcgggga ggtgcggagc tctgccttc cagctccact 720
tgctcctggt ctctcttctt ggcagcgttc tttttgtccc attgctgatg caggtagcgc 780
aggaggatgt ttgtcttttc tgtcacgatg atctgttcag acgggtactc gcgggtaggc 840
aggtagactg agggccgctg gttcgaggct ttgcacacgg agtcgcgctg aaatcgacta 900
aaattgcttt tggtgtagac aggcagtcct ttcaaaaaat ctgccatctt ctgtttcctc 960
cgtcgccgcc tcggccgccc cctcagcctc caccgcggcc accagagccc ccttcttagc 1020
cgccgcctca cagtaacttc cagccacggc aca 1053

```

<210> 6987
 <211> 2433
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2375)...(1856)
 <223> similar to gi2959370 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6987
 ggacccatgg ctgcacgtgt aaaccatcgc tggagtgtcc tcctcgttgg ccatggcaca 60
 ggtcacccca gcctgtgggg ccaaggcgca agacctgtcg gagaacagcc aggcaaaagc 120
 acagagaatt ttgctctgtg actaccgctg ccgcccgcag tcacctcaca gccccttttg 180
 gggatttcct tgctgaagcc agcagaaagc ccagcagtcc cagcgcacct cttgccgccg 240
 tcagagctgc agtgatgccc caccagcacc tcagcgggag ccgctgcccc caccctgcc 300
 ccctcccctc agccttccag gaagcgaagg ccagacacag ggaaacagaa acatgttgcc 360
 cttttatttg cgtttctcag aatactgtac aaaggagta aaaatcctat tcacactttg 420
 cttagaaaga ttttaagggt aaagttccct atgatacacg ggggtgggaga tgcagggtca 480
 ggagggagaa aacaggccca gtgacctctc ctgttccctt ggacccctgg aagaggacac 540
 agggacccac accttttcaa aattaacact gcccctagtc caactgggga ggggagaagg 600
 ctccagccca ggtcagggt cccggcctca ctttcttctc tgcaggctga gacagtgcct 660
 acaggccacg tcttgccct tcctctgtgc tgcttgagca gggatcctac aggactctca 720
 ccacagaccc cacatggggg ggccctcaca cgccacatgt ggctgccaca tgagaggccc 780
 tgcccagtgc cagtctgtat gaggaagtta aggggtgagg gcctgcagag gaccacagca 840
 cccatcgttt ctgtcacagc ttccccatac ccccgagga gtcagggccca agttggacct 900
 gtgcttaca tgactcacgg gccttttccc cacctgtcta cccaacagcc aaccaggag 960
 ttaaaccac agcagcctcc ctcccctatt actatcacat tctgtgggta aattaaccct 1020
 ccaagcctgc ttccctccct gccacatcc caaaggagat tgggtctagc ttctgtccct 1080
 accctccct cccttacacc agtccctctgc tgctatgtgg cccattctt ctaagtctcg 1140
 actcactagc tctcctacag ctccccaacc tccaccaggc caggatggca gcagccctgg 1200
 cccctcacc tctggaacca agccatctac actctacccc atctttcccc aacctgacct 1260
 tccccactcc caaccaggac ccacggtggg ttgcagagaa gctgccaaaa gcctgggact 1320
 tggattagac agctccctac ccagaaaggc aaagacccat cccacacttg cttccataca 1380
 caaaagcaca cactgcgtgg catcgaaaaa acctaggaat cacagtgaat caatccagaa 1440
 gccgtaccgc cctctgctcc ctatgcaggg gttaaagtgc tttggctgcc tgagggcaaa 1500
 caagttagca ggggtttttc ccctggcctc ctgtcgcaac tgcgtggtcc atgttcagcc 1560
 caggagccca gccatttcaa tgaccaactc catggagtct ctattcaaaa agcaaaagga 1620
 aaagatcaaa aaattcagaa aaggtcagag ccaggggggc ctaccccaac cccactacaa 1680
 gctactccaa gttggctact gggggaagcg aggggggaaa ttaggccaga ggctcaacc 1740
 ccatctctgg cagtgtccag aggtctctc tttctgtctt cagtgttgca gcacatgcct 1800
 tttaccctac ccctcccctg ccaccctggg cagggggaagg ggctgcactc tcagtactta 1860
 ttgattccaa aaatccggac tccgtggagc tggggcagct tggggataag cacgctcatc 1920
 agggacacgg tgttgagcac aaaatggatc tggctgtact tagttagaaa gctggtgagg 1980
 aagtacagca cgatgggtgt gatggtcaag aacttccgag aggccgtgaa ctggacccca 2040
 taatccatct gctcccagtg ggttagcagc ctgccttgc cctgggtccgg ggtctcaaag 2100
 ggtgtcccct tcaccgtgtg caggaagata tacatgccca tgttgtgaat gaggttggtg 2160
 aggggtccaga cgacagggac actcacaac gggatgctca gcagcacgat gtggaggaga 2220
 ccgatggcca gcacgtagga gagccagatg ccacggctgt tcatcaccgg cgtgttgggg 2280
 ttcacctcgc tgtgcgtgtg gccacattc atcctgtctc ccctctctgc gtgtggggcc 2340

09483725.012100

```
gaagatcaac ggccccgggaa cggttccccg gagcgggggc cgctgctgct ccagcagctg 2400
taacaaccgc cggctgcagc ctccccgacg aaa 2433
```

```
<210> 6988
<211> 1699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1552)...(966)
<223> similar to gi5802225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 6988
atatagaagc tgaggaaaaat gtctaacaca aaatttggag aataagaaat tagataggtc 60
atgtaagtga atgtaagtat agtgctatgg gcatataagg ggcatggatg aaacatcgaa 120
aagttggaaa tataatacgt ccagacaacc aagtggcatg ggtgttatac tgtaagaaat 180
tttcgagaat cctatctgca actccatgag ggtaggatac gaagatagct gaggtaagtg 240
aaggtcagga agggtaagtc ctgaacccaa ctgccactgc tagtaagcgg cagagctggg 300
attggaacta ggggctgtct ggcttcagat ctttatecct aaccaccatg ttatacgggg 360
actaaagagt gccggtgagt tgtgaaccca gacccttccc cagccacacc tggcaacacc 420
ccctgatctc tgggaccaca gctgggttgt agggaaagaa tggagtctcc taaatggtga 480
tttttcttta tttccccgca ccttcaatct catggcatgg tctgcaggaa acctcagagt 540
cctgccaaact cgcaggcttc gctgatcgca tggcacctgg gcaccccgcc aaagagctga 600
aactcccaag gctcagccag gactctccag ctgtggtggt tctaaaagcc gttctgggtg 660
agatgtagag ccgagttttc ccagtcgctc agtcctcctc ccgtgaggac aacactgctt 720
gctctcctgg cttgcctcac ccattccagga aaagggtggg aggggctcta ggcagcggcc 780
tctcctgggt gaaagaaact gagacctggg ccttcctgct agtttaacct ggagcaggcc 840
tggcccttgg gcaggctcag agcaggctcc ccattcagca aatgagggta tcctcctatt 900
ttgccaacat ccattctcac cgacttggcc tgaacccatt ctgagtacag agggacaccc 960
atgacagaaa tcccagggtc actctgctgg aagccactgt gctggaagag gacttctttc 1020
actttgtcca cgatggtccc cacttcagcc atggccccga gaccttcac tccgcacacc 1080
agcttcttgg ccacacaggg gatctcgaca tagccaaagg ccttgagctg gtctacctgc 1140
tgcgctgtga tcgggtgctc ccacatggcg gtgttcatgg ccgggcagaa gagcaggggc 1200
ttgctgcggt cccaggcccc catgacgcag gtaagcaagt tgtcacagat gccactggcc 1260
accttccccg gagtggttgg atcaagagga gccaccagca ggaggtctgc ccacctccgc 1320
aggtcaatgt gcagaactgg gtcagagcgg ctcttccaca tctccattc atcagcgtcg 1380
ctgtagaggg tgacaggaat gtcttggggg ctgtagaaat gtttggctct ctcagttgtg 1440
accactgcta cttccagccc aggaatgtcc aaaagctttg acaccagaag aggcaacttc 1500
agggctgcga cactccccgt gacaccaca agaacatgga attttctctc catcaagggt 1560
gcagcagctg gacaggaggc ctttgggttc atgtggggtc tgggtggctc aagttctggg 1620
agcctgccag gcctgggtc tataaagctg tcgggattta ggatccgcgc caggcgcgtc 1680
tcggggcccc acgcgtccg 1699

```

```
<210> 6989
```

<211> 4953
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (531)...(2706)
 <223> similar to gil63477 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6989

cggcaggcta	gctgtcggag	acggcaagca	cggatcgggc	acggccggcg	ggtcgcagcc	60
gggctggagg	ccggtcggaa	ccgagcgggc	aggaggccac	cgctgcagcg	cgggccccgc	120
agaggaagga	agccggcggg	cggggtgaag	ctcgtgtgtg	gagtgccacg	gtacaatcag	180
acgacagatg	gacagtgtga	caaaagtgtc	agaaaggatt	gggcctcgct	gtgagagtca	240
gcctggattc	aaagtgttga	caagttgctg	aaaaggaagc	cagtgcagag	actgtggcac	300
gcagaggaag	tggagccctg	tcttcggtca	caccattgat	ggaggacaga	tggacagccg	360
tatggccagt	cacctctcct	cttaaaccct	tggagagagg	tcctttgtcc	tctgctggac	420
acataatagg	aattctaaca	cattctctga	attcactttt	cataaaaacg	taaaatcaga	480
ctgctctgta	caaccaggct	caactgttgc	atggtagcag	atttgcaaac	atgagtgtctg	540
aggggtacca	gtacagagcg	ctgtatgatt	aaaaaaagga	aagagaagaa	gatattgact	600
tgcacttggg	tgacatattg	actgtgaata	aagggtcctt	agtagctctt	ggattcagtg	660
atggacagga	agccaggcct	gaagaaattg	gctgggtaaa	tggctataat	gaaaccacag	720
gggaaagggg	ggactttccg	ggaacttatg	taaaatatat	tggaggaaa	aaaatctcgc	780
cttccacacc	aaagccccgg	ccacctcggc	ctcttcctgt	tgaccagggt	tcttcgaaaa	840
ctgaagcaga	tgttgaacaa	caagctttga	ctctcccggg	tcttgagag	cagtttgccc	900
ctcctgacat	tgccccgcct	cttcttatca	agctcgtgga	agccattgaa	aagaaagggtc	960
tggaatgttc	aactctatac	agaacacaga	gctccagcaa	cctggcagaa	ttacgacagc	1020
ttcttgattg	tgatacaccc	tccgtggact	tggaaatgat	cgatgtgcac	gttttggtctg	1080
acgctttcaa	acgctatctc	ctggacttac	caaatcctgt	cattccagca	gccgtttaca	1140
gtgaaatgat	ttcttttagct	ccagaagtac	aaagctccga	agaatatatt	cagctattga	1200
agaagcttat	taggtcgctt	agcatacctc	atcagtattg	gcttacgctt	cagtatttgt	1260
taaaacattt	cttcaagctc	tctcaaacct	ccagcaaaaa	tctgttgaat	gcaagagtac	1320
tctctgaaat	tttcagccct	atgcttttca	gattctcagc	agccagctct	gataatactg	1380
aaaacctcat	aaaagttata	gaaattttaa	tctcaactga	atggaatgaa	cgacagcctg	1440
caccagcact	gcctcctaaa	ccaccaaaac	ctactactgt	agccaacaac	ggtatgaata	1500
acaatatgtc	cttacaagat	gctgaatggt	actggggaga	tatctcgagg	gaagaagtga	1560
atgaaaaact	tcgagataca	gcagacggga	ccttttttgt	acgagatgcg	tctactaaaa	1620
tgcatggtga	ttatactctt	acactaagga	aagggggaaa	taacaaatta	atcaaaatat	1680
ttcatcgaga	tgggaaatat	ggcttctctg	acccattaac	cttcagttct	gtggttgaat	1740
taataaacca	ctaccggaat	gaatctctag	ctcagtataa	tcccaaattg	gatgtgaaat	1800
tactttatcc	agtatccaaa	taccaacagg	atcaagttgt	caaagaagat	aatattgaag	1860
ctgtagggaa	aaaattacat	gaatataaca	ctcagtttca	agaaaaaagt	cgagaatatg	1920
atagattata	tgaagaatat	acccgcacat	cccaggaaat	ccaaatgaaa	aggacagcta	1980
ttgaagcatt	taatgaaacc	ataaaaatat	ttgaagaaca	gtgccagacc	caagagcggt	2040
acagcaaaga	atacatagaa	aagtttaaac	gtgaaggcaa	tgagaaagaa	atacaaagga	2100
ttatgcataa	ttatgataag	ttgaagtctc	gaatcagtg	aattattgac	agtagaagaa	2160
gatttgaaga	agacttgaag	aagcaggcag	ctgagtatcg	agaaattgac	aaacgtatga	2220
acagcattaa	accagacctt	atccagctga	gaaagacgag	agaccaatac	ttgatgtggt	2280
tgactcaaaa	aggtgttcgg	caaaagaagt	tgaacgagtg	gttgggcaat	gaaaacactg	2340
aagaccaata	ttcactggtg	gaagatgatg	aagatttgcc	ccatcatgat	gagaagacat	2400
ggaatgttgg	aagcagcaac	cgaaacaaag	ctgaaaacct	gttgcgaggg	aagcgagatg	2460
gcacttttct	tgtccgggag	agcagtaaac	agggctgcta	tgctgtctct	gtagtgggtg	2520
acggcgaagt	aaagcattgt	gtcataaaca	aaacagcaac	tggctatggc	tttgccgagc	2580

09488725.012100

```

cctataactt gtacagctct ctgaaagaac tgggtgctaca ttaccaacac acctcccttg 2640
tgcagcacia cgactccctc aatgtcacac tagcctaccc agtatatgca cagcagaggc 2700
gatgaagcgc ttactctttg atccttctcc tgaagtccag ccaccctgag gcctctggaa 2760
agcaaagggc tcctctccag tctgatctgt gaattgagct gcagaaacga agccatcttt 2820
ctttggatgg gactagagct ttctttcaca aaaaagaagt aggggaagac atgcagccta 2880
aggtgtatg atgaccacac gtccctaagc tggagtgtct atcccttctt tttctttttt 2940
tctttggttt aatttaaagc cacaaccaca tacaacacaa agagaaaaag aaatgcaaaa 3000
atctctgcgt gcagggacaa agaggccttt aaccatggtg cttgttaatg ctttctgaag 3060
ctttaccagc tgaaagtggg gactctggag agcggaggag agagaggcag aagaaccctg 3120
gcctgagaag gtttgggtcca gcctggttta gcctggatgt tgctgtgcac ggtggacca 3180
gacacatcgc actgtggatt atttcatttt gtaacaaatg aacgatatgt agcagaaagg 3240
cacgtccact cacaaggac gctttgggag aatgtcagtt catgtatgtt cagaagaaat 3300
tctgtcatag aaagtgccag aaagtgttta actgtcaaa aaacaaaaac ccagcaacag 3360
aaaaatggag tttggaaaac aggacttaaa atgacattca gtatataaaa tatgtacata 3420
atattggatg actaactatc aaatagatgg atttgtatca ataccataa gcttctgttt 3480
tgttttgctg aaggctaaat tcacagcgct atgcaattct taattttcat taagttgtta 3540
tttcagtttt aaatgtacct tcagaataag cttccccacc ccagtttttg ttgcttgaaa 3600
atattgttgt cccggatttt tgtaaataat catttttgtt atcctttttt aaaagtaaat 3660
gtacaggatg ccagtaaaaa aaaaaaatgg cttcagaatt aaaactatga aatattttac 3720
agtttttttt gtacaaagga cttggctgtt accccagggt taaaaagtgc ataacaaatt 3780
ttttttggac tgttttgttg ggcagtgcct gataagcttc aaagctgctt tattcaataa 3840
aaaaaagaaa tgaaaaagat atatgaatat gacaaagtat tgctgagtc aacaatgttg 3900
ttttaagact cttaaaatac gggtagctgg gcaatgggta attttccata aaagaattgt 3960
gaacttcttg aaatctaggg gagggggaat gtagtgaagg gatgtatcaa gtgggggtgt 4020
gggaggggga ggcaagggtt tatgcacttt ctcattgatt acagagaagt gaataactgc 4080
aaagtgaagt tgcttcttct acttcagtct tctctcactt tgatttgcta gttgttatca 4140
attaatgaca attacaaacc tactgtatct ctaatacagt gtgactgggc aggtatttca 4200
gttcttagga aggaagtgcc aagtttgttt ttgggttcct ggaacagcgc tcacctttgt 4260
ttagaacact ggtttaaagg gataatcatc tctgtcacat tagactatcc atcatgacca 4320
gcaaatactc attttaggaa aaaaaaaagc atgatctgaa aaatactttt ggtgggtatgt 4380
tggttaccct cctagctttc catttggttt agaacataaa gcaaatagac acagtcatc 4440
tgtcactgct ctggactgtg tggagctcgc taaagtcatt gtcattgcag gaatccaagt 4500
ggcagtcctt ctcattcatt ctaatcattg tatgtgcttc actacggggg ggagaaggaa 4560
acgttagcat catgtttccc atttagggca ggagtgaagg gtctctcttc ctgatttaga 4620
tatgcaaaag ctggtatgtt cagtaggaac tgtacatgtg ttgggaggca taaagactaa 4680
ttagcaacca taatatgggc actaccctaa tagactaaat gaaatcttgc aatttcaaaa 4740
ttactccttt ccccaatatt aagatttacc ccacaagcta atatttcccg tttaaagtac 4800
taaggggtgag ggttttctgt tactttgttt tttaatgttg ttctttttga aagaatcagt 4860
cttgagctg agtgaaaaat ctgtggaatg tattatttgt cctctttaca tgaaactact 4920
catacttaag caaaagtcag tcttatagca aga 4953

```

<210> 6990

<211> 2137

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(1875)

<223> similar to gi4838357 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6990
tttcgtggtg tgagtgggag gcggcggcgc tgggtggctgc agctgtggtg aggcgcgagg 60
cggcgcactc gacggctgac tggagcagcg gtaaaggcga ggatggagac cgaaggatat 120
aagtcaaaga gtacagcaga aaatgtctac tgaacggact tcttggacaa gcctgtccac 180
cattcagaaa atagccctgg gccttgggat ccagccagt gcaacagttg cctatatcct 240
ataccgcagg tatagggaaa gcagagaaga gcggtgaca tttgttgggg aagatgacat 300
tgagatagag atgcgggttc cccaggaggc tgtgaaactc atcattggcc ggcaaggagc 360
caatattaaa cagctgcgga aacagacagg tgctcggatt gatgtggaca cagaggatgt 420
atgcatgatg cgagtgtctg ttatcagtgg ttttcctggt caggtgtgca aggccaaagc 480
agcaatccat cagatcctga cagagaatac ccagtgctt gagcagcttt cagttcccca 540
gagatctgtg ggcagaatca tagggagagg cggcgagaca attcgttcta tctgtaaggc 600
atctggagcc aaaattacct gtgacaaaga atcagaaggg acattactac tatcaagact 660
tataaaaatc tcaggaacac agaaggaaat ggcagcagcc aagcatttga tactggagaa 720
agtttcagaa gatgaagaac ttcggaagag aattgctcat tctgcagaaa ccagggtccc 780
acgcaaacag ccaatcagtg tgagaagaga agacatgaca gagccagggt gagctggaga 840
gccagcatta tggaaaaaca ccagttctag catggagccg actgcacccc tggtgactcc 900
tccacccaaa ggaggaggcg acatggctgt ggtagtgtca aagggaagggt cctgggagaa 960
acctagtgat gacagctttc agaagtctga agcccaggcc atcccagaga tgcccatgtt 1020
tgaaatcccc agtcctgact tcagttttca tgctgatgag tacctagaag tctacgtttc 1080
tgcttctgag caccctaacc acttctggat ccagatcggt ggctcccgca gcctgcaatt 1140
ggataagctt gtcaatgaga tgaccagca ctatgagaat agtgtgcctg aagacttgac 1200
tgtgcatgta ggagacattg tagcagcacc tttacctaca aatggttcct ggtatcgagc 1260
ccgggtcctc ggcaccttg agaatgggaa cttggacctc tattttgttg actttggaga 1320
taatggagat tgccactga aggacctcag ggctctcagg agtgacttcc taagccttcc 1380
atltcaagca atagaatgta gtctggcacg gattgctccc tcaggtgacc agtggaaga 1440
ggaagctttg gatgagtttg atagactcac tcattgtgct gactggaagc ctctggtagc 1500
caagatctct agctatgtcc agactgggat ctcaacttgg ccaaagatct acttatatga 1560
tactagcaat ggaagaaac ttgatattgg gctagaatta gtacacaaag gatacgcaat 1620
tgagcttcct gaagacatag aagaaaacag agctgtccca gacatgttga aggacatggc 1680
cacagaaaca gatgcctctc tcagcacgtt gctcactgag accaaaaaga gctctggaga 1740
gataacacat accctgtcct gcctcagctt atcagaagct gcttccatgt ctggtgatga 1800
taaccttgaa gatgactact tactctgaag tctgggcttc agtttgctca gccatctgct 1860
ttgctgtgat ttggcatagg aattggtgca tggaggagag gagtgtatga taaaggatcc 1920
atgcagtcct tcctttatta cacatatagt ctggcttgct gtggaccaa ttaatatct 1980
cctcccatca gactacaaaa aaattggact accacgctac aagtgtgtct ccccatctcc 2040
acctccggat cctcccca cctccagtg tttgaatact gctgtgttac ttccaggccg 2100
ttcaacgtca ggctcagtc cctctaccag tcatgat 2137

```

```

<210> 6991
<211> 1200
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1201)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1135)...(127)

```


<223> similar to gi4455233 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6991

ttttttttaca	tttggaaaaa	taaaacttta	ttaaataaaa	tgaatgagta	tgtctgtttc	60
ctaagaaaga	caatgataaa	gaatttggtg	gaaggataaa	taggggtttg	ttgactttgc	120
tttttagcctc	atggtagttg	gtagagagca	tgattagctt	ttttctgtat	gtgactgctt	180
cttcattgct	gcagcttcag	ttttgaattg	atgtctggac	tgccagcggc	gtccattatt	240
ccagacgcgg	ccaaaagagg	gcagccagcc	tgcactggtc	ctggagctgt	gatcaaagtt	300
ggccccaact	cgggtctggg	ggagtttttt	caacttctgt	ttttcctttt	ctttaagaaa	360
ttcttcatag	gatggtccta	tttcttggtt	cccagcaatg	tattcttcat	cttggatcat	420
ccagggaggt	gtggcacctg	agtggatggt	accaactcct	ggtatatcct	gatggccaat	480
gaatgtcaga	gatggtcctg	tctccatcca	gtcaagctct	ggagctgggtg	gcagggtcaa	540
atgtgagggc	tgtctgaagc	tggaagctac	ttggctgttc	atccctttcc	agcttctagg	600
tgtctgaagag	ccctcttctg	ggtctggcac	tgcctgaggc	tctaagacag	accgaaccac	660
ctcctgtcgg	ctctgtctca	cctcacggat	ctgagctgcc	atctccttga	tacttttatt	720
ctccttttct	tcataggaat	ccaaaccttt	caccatggat	ttcttgaatc	gcgcataatc	780
ctggggagtg	accagaaact	tctctttcat	ctggacctca	gctttgttct	cccaccagaa	840
tttggttggtt	gctttcttgt	gctctgggct	ggccagatgc	tccagcagcc	ccccgtacag	900
caccgtcagg	tttccatggc	tcagggtgttc	ccgcacctca	cagccgcagc	acaggcacca	960
gcagcatcgc	tcgtgttcgg	gcacatagcg	ctccacctga	gcggcgcgga	tggccttgcg	1020
ggccgcctcc	acctggggca	ggagcctctc	caaagcctcc	ttcagctgcc	gctgggtgctt	1080
gcggctgtaa	acgtgcccgc	gaccacagaa	gaaggctctg	cggcacagag	ggcagcgctg	1140
cgcggcgcc	atagcccggg	taccgcggacg	aaatcgtcga	catgatannt	nngcgggggt	1200

<210> 6992

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (189)...(227)

<223> similar to gi5726234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6992

tttcgtgtgg	cggccggctc	ccaaggtggc	agcaagactt	ttgttctctg	acctgggggtt	60
cttggcctcc	tggattccaa	agaatggaac	cttggggcca	tgcgataaat	atgctgaggc	120
atgttttcaa	ggaggggaga	gagattcctt	ttcctcagcc	gggcacagag	ccaacctgaa	180
gtgtagcact	gtggtgacct	ggcgggatct	gctctccagt	cactcccagag	ggcccttctg	240
gggacaagga	gacttttctg	tgcggcctgt	tgatttgaga	tcgaggctat	caagctacag	300
atgatcttac	aaatggaacc	ccaaatgagc	tcaactaaca	actaccaagg	acccctggac	360
caaccgcgtg	gccctttcaa	tggcctaaag	ag			392

<210> 6993
 <211> 721
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (459)...(251)
 <223> similar to gil888415 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6993
 tttcgtgcta agggaggact cagggccaga aaaagtgcc agtgatggag gagactgccc 60
 tgagaggtgg tgagccccc cgatcatggag gtgtgcaagc taacagcagg gtcattcaat 120
 ccgggagccc tggattggat gtgtctcaga catggcagaa ggattccttt atccagggcc 180
 ttgtggggag gccctccctg ttgccaaactg agtcgagggc tgggtggaaga actggtgatt 240
 ggacaggagg ccttgaaaac ttcccgggca ggggggtgcct ctgggtctgg ctttggcgga 300
 gtggctccta gggaggagct ggcctgggga catgccactg gtgggtgggtt cctgggcccc 360
 ctctggagat gtgatcagtg agttcattcc ccccaggcct cacggtgccc ggcttgttcc 420
 aggagctggc caaggtcctt ggatgggctg aagtccttgt gcccatgttg tccactgtcc 480
 acctgcgcct gcctgccgtt gccagaaaag aggcctaata agttccttga gaggcgtggt 540
 taccaggcct gtgttccac gggcccttgg gactctctca gctggntcct ccctttcctc 600
 gtgggtggccc agcctggctt tgtgtgcctg gagcgggtgt gtccacacac tctcacactt 660
 gcactttcat gcacgtgtct ggccgcctca gctctgggtct tggggctttg cctgggagaa 720
 g 721

<210> 6994
 <211> 712
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (329)...(567)
 <223> similar to gi296679 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6994
 ttaagacaca tcttcagtca cttctctctg cctgtgtctc aggaagacca gtcctccta 60
 ctgtcttctg tgctagggat cacttccttg ttgagtgggg ccggagtttt aagaggatct 120

tctgctcctc	ttcatctggt	ccgtttcctt	ccaaggcccc	cgagaggaag	gcatgcggtg	180
ggccctactg	gtgcttctag	ctttcctgtc	tcctgggtgag	tacgctgcct	acagagaggc	240
tcacaggttg	ggttttgttt	tgttttcttc	ttgaaagggg	tgccatacaa	aggaatacct	300
cattgtatth	tgtgttggtc	ccattgcagc	cagtcagaaa	tcttccaact	tggaaggagg	360
aacgaagtca	gtcatcaggc	agactgggtc	atctgctgaa	atcacttgtg	atcttgctga	420
aggaagtacc	ggctacatcc	actggtacct	acaccaggag	gggaaggccc	cacagcgtct	480
tctgtactat	gactcctaca	cctccagcgt	tgtgttgga	tcaggaatca	gccaggggaa	540
gtatgatact	tagagcagac	tccgggacac	accaacacac	atgatcctca	gtccttttaa	600
taaagcacgt	tcaacccttc	tcagagtgc	cttgagtgg	tgccctccatg	agtccaacat	660
ctgcagtccc	tcagctggag	gcctgagacg	aaatcgtcga	cccgggaatt	cc	712

<210> 6995

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (84)...(247)

<223> similar to gil834464 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6995

taccgttctc	ggaattcctg	ggtcgacgat	ttcgtcccgg	agtgatcctg	gcagccggtg	60
gggaagacaa	ggagggtttg	agcatggcag	aaggaaacac	cctgatatca	gtggattatg	120
aaattttttg	gaagggtgca	gggggtgttt	tccgtaagca	tactcaggta	tgtggcctgc	180
aggctttggg	gtggtaacct	aggttgtggg	cataggaaca	agggacgtgt	tcttgacaaa	240
tgtgaactag	gagccgctgg	ctatttggtg	gctgcatggc	aaagaggtag	tttgtagagc	300
aatgagtatg	aaaatgctgt	gcaatcggtg	aaacatgggt	taaatggaag	atcacccctgc	360
tgttattatt	agtcagtgg	gcctgagcat	ctagatacac	atattaatga	gcttctctct	420
tccaagggaa	atagagggct	tccccagtg	tcgccgttgt	ggcatcatca	aaccaagt	478

<210> 6996

<211> 2176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (304)...(1340)

<223> similar to gi3880625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

0948725-012100

```

<400> 6996
acgtcgacga tttcgtggag gaggggaagtg agatggcgga aaggaaaact gcttaaataga 60
tttttaaaga tcttgagtca cagtgaagca acccactgga gtgagcattg ctgcatttgg 120
agagtcagat gccattttgt tgtactcctg tttgatcaag tggccagttt aactagatac 180
tagctttgaa gaagttctgt attggccctt ggaatgtgac agttcatacc acattgaaaa 240
ggcttttgta atgccgggtcc actgatggct gaactgcagg tctctcccca gtggaaagcc 300
ccagagatga gccagatctg cctcagctgt ggccatccgt cagcgttaagg gccgcgatgg 360
gcctcttgga acattgggtg gttcatctgc attcgatgtg ctggaatcca caggaatctg 420
ggggtgcaca tatccagggt aaagtcagtt aacctcgacc agtggactca agaacagatt 480
cagtgcattg aagagatggg aaatggaaag gcaaaccgac tttatgaagc ctatcttcct 540
gagacctttc ggcgacctca gatagaccca gctgttgaa gatttattcg agacaaatat 600
gagaagaaga aatacatgga ccgaagtctg gacatcaatg cctttaggaa agaaaaagat 660
gacaagtgga aaagaggagg cgaaccagtt ccagaaaaaa aattggaacc tgttgttttt 720
gagaagggtg aaatgccaca gaaaaaagaa gacccacagc tacctcgaa aagctccccg 780
aaatccacag cgctgtcat ggatttgttg gcccttgatg ctctgtggc ctgctccatt 840
gcaaatagta agaccagcaa taccctagag aaggatttag atctgttggc ctctgttcca 900
tccccttctt cttccggttc cagaaagggt gtaggttcca tgccaactgc agggagtgcc 960
ggctctgttc ctgaaaatct gaacctgttt ccggagccag ggagcaaata agaagaaata 1020
ggcaagaaac agctctctaa agactccatt ctttactgt atggatccca gacgcctcaa 1080
atgcctactc aagcaatgtt catggctccc gctcagatgg catatccac agcctacccc 1140
agcttccccg gggttacacc tctaacagc ataatgggga gcatgatgcc tccaccagta 1200
ggcatgggtg ctgagccagg agcttctggg atggttgccc ccatggccat gcctgcaggc 1260
tatatgggtg gcatgcaggc atcaatgatg ggtgtgccga atggaatgat gaccaccag 1320
caggctggct acatggcagg catggcagct atgccccaga ctgtgtatgg ggtccagcca 1380
gctcagcagc tgcaatggaa cttactcag atgaccagc agatggctgg gatgaacttc 1440
tatggagcca atggcatgat gaactatgga cagtcaatga gtggcgga tgaacaggca 1500
gcaaatcaga ctctcagtc tcatgatgtg aaataaaaaa aaaacacctg tatggctgcc 1560
attctcttca gccctcgctc tcccctttcc acagcctcca cccctgacct ccactctctt 1620
ttcctacctc tctgtttggg ttagaaattg ctcaataagt catttgggt ttggcatcct 1680
gcccagccac ttcccaaaac tgaagacctc tctgttgctt tatgttggac atgccccata 1740
gccatcccaa cgctctcccc agtctctctc tggcaccagc accttagaag ttgttggcag 1800
aaggcactta aactgtggga gaagtgtgca caccttgag tcccttccct caaggttaaa 1860
gctcctgtca gactctcaga agggctctgt ggtgtgtat attaggcaaa caggggaaag 1920
cttagaggtc cttctatatg tgtaataaag ctgtttctaa gtgtttaaat ttgaaaagca 1980
tcatgttctc atgatttatg ggaatgaagc aagtactgaa atcaaattaa atactccctg 2040
ggctctgggt cagtttgacc ctagccctgg ggtgaggcaa gccccctcct atgaggatga 2100
gcaaaaatac tactctcttc gccctgagtt gctttctgga tctggggctt caggacttgc 2160
tgcttcagac agcctt 2176

```

```

<210> 6997
<211> 3228
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3229)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (462)...(1470)
<223> similar to gi5679081 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 6997

cgtatatttg	taccatgacg	accgcccga	ttcccggctg	acgatttcgt	gccgcccggga	60
gctgccacgt	ccgagacctg	ttcagctacc	gccgcaatca	tggtagtggt	tggtagtggt	120
gaggcctagc	agggtgaagg	ccacggctgc	ggccttcacg	ggttcctcgg	ccgtcctgag	180
tcccaaattc	caagctggag	ccgttcagct	cccctccacc	gcttagagat	ttggggggct	240
ctggccccgt	ccttgccgac	cattccgagg	ggagtccaga	ggtgaggccg	aggaacctcc	300
ctgactttgc	ggggcgcgcc	gctcctgcgt	ctcctgccag	tctcccttcc	ttcttttcgg	360
tcaacaattg	aaaacaaaac	gaggaacagc	agaggagcta	ctgtataccg	agccctcagc	420
attgttcgta	atctccgcct	gctaacagcc	ttgtgaagaa	ggtgtcagta	attaacactg	480
tggatacctc	ccatgaggac	atgattcacg	acgcccagat	ggactactat	ggcaccgccc	540
tggcaacctg	ctcatcagac	aggtccgtca	aaatctttga	tgtgcgcaat	ggagggcaga	600
tccttatcgc	cgacctcagg	ggtcatgagg	gtcctgtgtg	gcaagtggcc	tgggctcacc	660
ccatgtacgg	caacatcctg	gcacgtgct	cctatgaccg	gaaagtcatt	atctggagag	720
aggaaaacgg	cacctgggag	aagagccacg	agcatgcggg	acacgactcc	tcagtgaact	780
cggtgtgctg	ggccccccat	gactacggcc	tgatcctggc	ctgtgggagc	tcggatgggg	840
ccatctccct	gctgacttac	accggggaag	gccaatggga	agtaaagaag	atcaacaacg	900
ctcacaccat	tggctgcaat	gccgtcagct	gggcccctgc	tgttgtagct	ggaagcctca	960
tagaccaccc	atcggggcag	aaacccaatt	acatcaagag	gtttgcatca	ggtggctgtg	1020
acaacctcat	caagctgtgg	aaggaggagg	aggacggcca	gtggaaggag	gagcagaagc	1080
tagaagcgca	cagtgaactg	gttcgagatg	tggcctgggc	cccctccatc	ggcctgccc	1140
ccagcaccat	cgccagctgc	tcccaggatg	gtcgtgtgtt	catttgagac	tgtgatgatg	1200
cctcaagcaa	tacgtgggtc	cctaaattgt	tgcacaagtt	caacgatgtg	gtgtggcatg	1260
tgagctggtc	catcacagcc	aacatcctgg	ctgtctctgg	tggagacaat	aaggtgacct	1320
tgtggaagga	gtcagttgat	gggcagtggg	tgtgcatcag	tgatgtcaac	aagggccagg	1380
gctccgtatc	agcatcagtg	acagagggcc	agcagaacga	gcagtgacaa	gacaggtggg	1440
gcctggctcc	ccaccggcca	gctccaggac	tgccccttcc	tgggccaact	aaccaaacaa	1500
ctgggaagag	cccccaactc	caacaggatt	atcttcccag	gaggagttag	agatgcagcc	1560
acagattgat	catctgcctt	aacgtgatcg	gagatgcttt	gtaatctact	gtccagctga	1620
aagcactcat	gttacgagga	agaaactaca	agtgtgttcc	aaatctatct	tgggtcattt	1680
ttatgtacct	ttgggttcag	gcattatttg	gggggttttg	tttccaaagg	aactaaataa	1740
agtcataattg	cttataaaaa	aatgacccaa	aatagatttg	aacatcactt	gtagtctctt	1800
cctcgtaaca	tgagctgttt	ccagctcgga	cagtagatta	caaagcatct	cagatcacag	1860
ttaagggcag	atggatcaat	ctgtgggctg	catctgtaac	tccctcctgg	gaaaataatc	1920
cctgtttggga	gttggggggc	tcttcccaag	ttgtctgtgt	acgttggccc	aggggaagggg	1980
cagtccctgg	aagctggcgg	ggtgggggag	cagggcccca	cctcgtcatt	gtcactggct	2040
cgttctagct	gggccttcct	ggtcactgga	tggctgatac	gggagccctt	ggcccccttg	2100
ttgaacatca	ctggatggca	caacccactt	ggcccatcaa	cttgactcct	tccacagggg	2160
tatctttatt	gtctccatca	gagacagcca	ggatgtttgg	tgtgatggac	caagctcaca	2220
tgccacacca	catcgttgaa	cttgtgcaaa	aatttagggg	accacgtatt	gcttgaggca	2280
tcatcacagg	tccaaatgaa	cacacgaccc	atcctgggag	cagctgggag	atgggtgctg	2340
tgggcaggcc	cgatggaggg	ggcccaggcc	acatctcgaa	acccagtcac	tgtggcgctt	2400
ctagcttctg	ctcctccttc	cactggcgct	cctcctcctc	cttccacagc	ttgaatgagg	2460
ttgtccacag	ccacctgatg	caaacctctt	gatgtaattg	ggtttctgac	cccgatgggg	2520
tcgtctatga	ggcttccagg	tacaacaagc	aggggcccga	gttgacggca	ttgcagccaa	2580
tgggtgtgagc	gttgttgatc	ttctttactt	ccccattggc	cttccccggg	tgtaaagtcc	2640
agccagggaa	gatggccccc	natccgagac	tacccaacag	gccaggaat	ncaggaccgt	2700
aagtccatgg	ggggcccgag	aacacccgaa	gttcaacttg	aggagtctgt	tccccgcatt	2760
gctcgtggct	ctttcttccc	aggggtgcgt	tttctctctc	ccagataatg	acttttccgg	2820
tcataggagc	acgatgccag	gatgttgccg	taccatgggg	tgagcccagg	ccacttgcca	2880
cacaggaccc	tcatgacccc	tgaggtcggc	gataaggatc	tgcctccat	tgcgcacatc	2940
aaagattttg	acggacctgt	ctgatgagca	ggttgccagg	cgggtgccat	agtagtccat	3000
ctgggcgtcg	tgaatcatgt	cctcatggga	ggtatccaca	gtgttaatta	ctgacacctc	3060

09483725-012100

tggactcccc	tcggaatggt	ccgcaaggac	ggggccagag	ccccccaaat	ctctaagcgg	3120
tggagggggag	ctgaacggct	ccagcttggg	atttgggact	caggacggcc	gaggaacccg	3180
tgaaggccgc	gaccgtggcc	ttcaccctgc	taggcctcct	cagtacca		3228

```

<210> 6998
<211> 803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (645)...(382)
<223> similar to gi5911818 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6998						
tttttttttt	ttgccaatgg	aacaggacat	catttaattg	cctctagggg	cctcctggga	60
gagggactgc	ggggcctttg	gcagagctct	ggctgatgga	accaacagag	gtgcccacatca	120
gccagtgcc	ggcaggatgg	cggccccaat	gcttggtctg	gggcagccag	catttggggc	180
tgttgcttaa	gacaatttct	gagactaatg	ggtaaggaat	gttgccctta	gatggaggag	240
aggggactac	atttagagag	gagggaggag	aagtggcctg	cattggggga	gggactctaa	300
ggttagggtta	ggaatgacag	ggagttgggc	aaaaggctct	tcatggccag	gtgaaggctg	360
ggggggagtgt	ggtgatggag	tccagcaggg	gaactctgga	caggcttgac	tcaagccagc	420
ttcaggaact	cctgcagcgt	gttttggtcc	acagcctcca	cgaagagctc	atagtcccca	480
cagtactggt	ccccgttgac	aatctggggg	ggggtggcct	tgggggttgcc	tgccaaggct	540
cgcactctcat	ccctcagggc	gttgtcctgg	gagatgtcca	ctagctggta	ttggatgcgc	600
ttcccatcca	ggattcgggt	cacctcgctc	tgctgggact	tgatttcgcg	ggagccgggtg	660
accgacgtgc	tgtagacgcg	caggccgctc	atgctggggg	tagacagacg	ggccggcggg	720
cagagggcgg	cggtagcggc	agctgcactg	ccgggagacg	acgccgccgc	cgtgctcggg	780
agcggtttcc	ttcctgcacg	aaa				803

```

<210> 6999
<211> 1043
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (891)...(1025)
<223> similar to gi522145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6999

tgtaagtttg	tggaaattgc	cccacgacca	tgcgctgaca	gtcaatctac	aagatgtggc	60
cactgcggct	gcacacgaag	ctgcccagag	aggcggcagg	gaaggtgagg	ccctcagggg	120
aggggaggcc	caggcaccag	ggcccccatg	ccggggcagg	ccgtggggaa	gggcagggac	180
tcacagcatg	gcagccgagg	gctccgggca	gccgtcccgg	gcctgcttga	aggccaggtc	240
ggtgaactgc	agcgcgtggt	gctcccctaa	gtccacgggg	caggaacgca	gcaccccgcc	300
acgcagccgc	cagagccgca	cactgccctg	cccgcacgac	gccatcctgc	aaggaatgag	360
gactgagcac	tgccgcagct	cgcagcgccc	tgacccaccg	ggagacgcag	agacgcacag	420
ccaagccagg	gggaggtgct	cgggcctcgg	ccccactcc	gggccagac	cctctcccaa	480
catcgtggat	gggcggctgc	atcacctggt	ttcatcaaaa	aaggtgaccc	ggaaggcctg	540
gacgtcaaag	tcagtgtgcg	cctttgccag	aacgaccacc	tcgccaccga	ggcccacctg	600
gccggtgccc	caggccacca	ccatctgcaa	caagcccagg	ctgagcccgc	acggcagggc	660
cagtcggggc	cacctcgatt	ctgcaaggcc	cagccgagcc	ccacccggag	gtggcctttc	720
tctcatcgcg	agaccagcct	ctgagcgtgc	ggcgtggag	agtggaaagg	aaccagcccc	780
tccatcttct	catcctgaag	cctttgggact	tctacagaga	cccgcaatgc	tgagcactgc	840
aaccatttcg	cagagaagta	caaaccccc	cgcaagccgg	aaggtggata	aaaagcagct	900
cgtggctggg	cacagtggct	catgcctgtg	atcccagcac	tttgggaggc	tgaggtggga	960
ggactgcttg	agccctggag	tttgagacca	gcctgagcaa	tgtaatgaaa	ccctatctct	1020
acaaaaagtt	aaaaaaacaa	aaa				1043

<210> 7000

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (234)...(402)

<223> similar to gi3150527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7000

attccagtgt	ggtggaattc	gaattattga	ggggaagctg	agaggcatag	agggcatgga	60
ctgtggagag	gtggtgagcg	catgggctgg	tttggcccag	gcaactcagc	ctccttgagg	120
ggccctcatg	gtctctccca	accacatgct	catgctgacc	gtggtggtag	aagtggagtc	180
ggggaggggt	tcaggaacaa	aacttcacct	ttgacagtcc	tgggccctga	tgctgctcag	240
gaggcagagc	aggagctgct	ggcacgtgtc	caatccacac	tgggctctct	gggccgaggg	300
tacagtgtgg	ccctgtttgct	ccgggggagg	gaaacagagg	caccccgact	tgtgcctcag	360
ctgctgcaga	tgctgtttga	agaagctctg	cccctcagct	gctctgatcc	tgtgcttagc	420
actcttagcc	tggtgcaggg	cctgctgtct	gctcactctc	accatgtcct	gcccagggcc	480
tgaccctcct	gaggggcccg	ggacccagcg	tgtgtggcaa	ggggctctac	ggatcctaca	540
gctcccagga	gccccagact	gccccctgct	gcgggtgttg	gctggtgaag	ttgttggtga	600
ggaggcggag	ggctctttgc	cctggattgt	ctcatggctc	ttggaaggaa	acaactacag	660
tggcctactt	cttcgcctgg	acccccaagg	tggccagggg	gagagtgtgg	agttctttgg	720
gaagctctga	gatctgtcct	taggcctgcc	tcacccatca	cg		762

<210> 7001

<211> 2735
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1335)...(2249)
 <223> similar to gi4159884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7001

ttagattcag	ctttgggaat	ttgttccagg	aactgcatca	tccagcccaa	aagcaaaaaga	60
ggaaaatgca	taagccagga	tacctaaatg	ttccttttatt	taaacttgaa	aatgtgactg	120
caaaaggagt	caagaagttt	agtactcaac	acatttcttc	tttgtagaaa	taactgctca	180
agaagataaa	ttgttaccta	acagttgatt	gatgaatatg	aaatcagagc	aagaggggct	240
aattagagaa	attactagct	agggctattt	acccaaacca	tctatccaga	ctgtagacat	300
agaatcacca	gatggctagg	atcctgggtgc	agctgggtcc	cctttttcct	taccctgaat	360
gtcattaagg	atgcattgcc	aaatgctgcc	cctctggcct	gatgactaca	ctccatattg	420
gtcacctgcc	ttctttttcc	tacagtcttc	ctccagacag	gcacgccata	caaccgacta	480
cacttgggct	cactgaatga	atcacattct	tctgctgtgc	ctcccagaga	tttcatcaaa	540
gcacccgcag	tggccttctg	gaggctcctc	aaactctcca	ctcaatgttt	cctgaaagtg	600
tcgtgtttct	cacctctaga	ttgttattct	catcagttac	atgtgggttt	cacaaattta	660
tttctcagaa	tgcaagtctg	tctcttatat	cctcgggaaa	cacaccttta	tatcccagtt	720
agtactgaca	aaaattaaac	tagggactgg	ccaaaaacag	tgcccttcct	cactttaatc	780
tcactaaagt	agataagact	caagttattt	tgttcttgca	atggcattga	caaatgtttg	840
cacaaaaaac	catgttgaag	ttcattaagg	aaactgtgat	ccaagatcca	aggtcaaaaa	900
aacaaattca	tcaattcagc	acaccaccaa	ctcacaggct	aagcatctta	ctgctaattc	960
attgatgctg	ccattttgtca	agtgccaaat	tgaattattg	atttgtcaat	aatttccttc	1020
cgttgggttac	ttatatagta	tattgcaatt	cttgttgctg	aagtcagcta	cactttttct	1080
atttgaaaaa	caatttcttg	catttgggat	ttcagggtata	gtgattgtta	caaatatgaa	1140
ggacttgaat	taacagcaag	ttttcaagta	aaactttact	tatgtataac	tgaatgagtt	1200
cttaaagaca	tttactaaca	attttccaca	aactaaaaat	ttataaaaaca	ataaataaaa	1260
tagactttta	aaaaaagcgt	gtcacacagc	tgcttgtttt	ttgtttgttt	ctttgtttgt	1320
tttttagtag	tgaaatgggtg	aaaaatcaga	caatgggtcac	agagttcctc	ctactgggat	1380
ttctcctggg	cccaaggatt	cagatgctcc	tctttgggct	cttctccctg	ttctatgtct	1440
tcaccctgct	ggggaatggg	accatcctgg	ggctcatctc	actggactcc	agactccaca	1500
cccccatgta	cttcttcctc	tcacacctgg	cgtcgctcaa	catcgctat	gcctgcaaca	1560
cagtgcccca	gatgctgggtg	aacctcctgc	atccagccaa	gcccattctc	tttgctggct	1620
gcatgacata	gacctttctc	tttttgagtt	ttgcacatac	tgaatgcctc	ctggttggtgc	1680
tgatgtccta	cgatcgggtac	gtggccatct	gccaccctct	ccgatatttc	atcatcatga	1740
cctggaaagt	ctgcatcact	ctggccatca	cttcttggtg	atgtggctcc	ctcctggcta	1800
tgggtccatgt	gagcctcatc	ctaagactgc	ccttttgtgg	gcctcgtgaa	atcaaccact	1860
tcttctgtga	aatcctgtct	gtcctcaggc	tggcctgtgc	tgatacctgg	ctcaaccagg	1920
tgggtcatctt	tgcagcctgc	atgttcatcc	tgggtgggacc	actctgcctg	gtgctgggtct	1980
cctactcaca	catcctggcg	gccatcctga	ggatccagtc	tggggagggc	cgcagaaagg	2040
ccttctccac	ctgctcctcc	cacctctgcg	tagtgggact	cttctttggc	agcgccatcg	2100
tcatgtacat	ggccccctaag	ccccgccatc	ctgaggagca	gcagaaggtc	ctttttctat	2160
tttacagttc	tttcaaccgg	atgctaaacc	ccctgattta	caacctgagg	aatgtagagg	2220
tcaagggtgc	cctgaggaga	gcactgtgca	aggaaagtca	ttcctaagag	gtgtgacatt	2280
tgaactgcca	gcctcagttg	tcacgtggac	tcttgatgcc	caattattgc	ctcaatccag	2340
aaaagtttac	ttctctttat	ctgtgcttta	ctgacagaag	ggcaagtctt	ctctcgtttt	2400
ttgcagataa	aatttttagat	gtgttgcat	cattgggttt	ctatgagatg	tgggttttatc	2460
agacaatttt	ttctttttat	tcacaattac	tttaatatct	ttgaccagca	aatatctcca	2520
ccctccaggg	agaggtagta	gcttctaggg	aaaccatctt	ggagagggtc	ctgtcttccc	2580

ctgaggtggg	ctttgaatcc	agcactcttc	cccttgagg	gtcacttga	accagctaac	2640
ttttcaggg	cctttcttcc	cagttctgct	catacatctg	tcatgtaaca	ctttagtgtt	2700
ctatatattgc	atagctgtat	ccttccatta	gtttg			2735

<210> 7002
 <211> 2538
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2299)...(695)
 <223> similar to gi3043688 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7002						
tttttttttt	taatcaaagt	acttatggtg	tcaatgccaa	agcaacgaag	aattcccctt	60
tttccttcac	tattgacagc	ttcagtttct	gtacttactg	tgatcatccta	tccattccct	120
tccctgagcc	tgggactgct	cttccaaggg	agactaggag	tgaagggagg	agtcctccca	180
aagttaccct	ttaagcttga	taattagctc	catagccatg	ctaaagcatg	actgtagatc	240
cccaagtccc	tgacacattt	tcttctaaga	aactgggttag	ccaagaaagt	aaagacgtaa	300
gccctgaaga	tggcaaaagg	gtgtcataat	ctcccaaagt	catctgtata	ggatgcttca	360
tttaaccctt	tttcttttgc	agacaaaagg	gttaaaaaatc	tcttctttct	accctatata	420
tttaaagagg	gattgacaag	ccccaaattt	cccttttatg	gaaaaggccc	cagggtttct	480
gggccaacaa	ttcacttttt	tcagtctctt	aggtcctctt	gcatgcctga	gaatattgag	540
tattcggaat	ctcctaccag	cccttggtaa	atgaccctac	cagggtggaat	agtttgagct	600
ttatctgctc	ttttttaatg	ggatagaggg	gaaggcaaca	cgtcttattt	tatcaaaaaat	660
tgcaaagcta	cacgctcttt	gtggagaagc	accaaaggga	aaaccttagt	ttgaaaggat	720
tcattgtaaa	taaaaatagt	aactcagccc	tccattcagg	gaggagaaag	gcatttttaa	780
gctagtatat	tgaagggttt	ccccttgact	tcagtgttga	atggctcttg	caaggacttc	840
ttgaagggtt	tttttctcac	tagccagtgt	ttggccgaca	ggttgacact	ctgcctgaga	900
agatgcctga	aagagaaaag	gcagcatttg	ttacaggcat	aatgtttag	aggaagaaac	960
gacaacagca	gtcccctgca	ttcatttttag	aaccaagatg	acgtctcaca	gttgctctga	1020
taaaaacaca	gggactccct	gctcttagca	tacctatagt	gctcacctag	aaaatctatg	1080
agttaagcac	tacaaacatt	ttgtttagag	agcgacgtac	gacagtccaa	ttgcagaatt	1140
atgaaaagca	ttggcagtag	caactctgtg	gtggacacac	ccacctttgc	tctcctagct	1200
ccttttctgt	cattctgttt	gactttctca	agggagcaaa	agaaagttgt	actaccagtt	1260
aagtctccaa	ggtgtcttta	accctccat	ccccctagcc	tttttggaag	ggagtgggtg	1320
gggagatatg	tggagaccct	ttgtgcagg	caggggtggt	ggtgcaaagt	tatcagtaac	1380
tctgggtttc	tctaagcact	tgggtgctgtc	agagatgctt	ggagatggag	taccaaatga	1440
gctggggaga	agatcctgca	gaacaggggt	ggccagggtca	tggccccata	ctggaaaagt	1500
gtacctgtgc	agaaataaag	taggtgtaca	gataagttgt	gctgctcttg	tcttgggag	1560
gcaggggttg	tgggtgaagaa	agtgccatag	aaatggcagc	acagaggcac	cctcatcctc	1620
agcaggcagc	aggggtgaac	agtaatggaa	agcaccgcag	tgagccttca	tcatcatagg	1680
aagacgagca	gctccttttt	tagtaccatt	ggctgtcttc	ttccagtatc	tcatttgttt	1740
aaataatagt	tcttggctca	acaagcttct	aagttagtggc	caactgttac	aacagggttg	1800
gtgggcaaat	tttctttttg	agttcctcca	cttaccaggt	taaaccctt	cacatgggtg	1860
ctccattgcc	gccatgggct	ttttgtcagg	gataaggggtg	cagccagcca	gcatgtccag	1920
agaggccaag	atagagtcac	acaggcgatc	tgcgtggctc	tccagctcac	cagactgctt	1980
tgcgatcctc	ccaaggacat	cctctaaaac	taacaatgag	gttcaaagaa	attaaaccag	2040

0048735-012100

aaataaaacc	catgcaagtg	ttgtccagta	agcattttca	aaagaacata	caaggggtata	2100
gtatttttaca	caaagtagga	cctggcagta	gtttctgaat	gtctgccctt	ttttaacagt	2160
gatttctccag	ggacttctgt	tgcactggag	aacctatgtt	gttaacttct	gattaaagct	2220
aagaaaagaa	ctcactgact	ccactttgaa	attacgtaat	tcacagaagg	gcacagagat	2280
attatggttt	tctgatggct	ggtattacct	gacttttagag	gtaagacagg	tatctctgta	2340
agggcacatc	cagatcctct	tgggcataag	gcttaaataa	aatgacatgc	caaggttcag	2400
atgcttacc	ctggtaccag	gtctatcagt	ttctattggc	tgggaagaat	gttatttcac	2460
atgggtggtc	tgtaatagat	ttggggagtgc	ttgagaccct	ttgttttgtg	ggcctcagtg	2520
aacagactga	aaacctcg					2538

<210> 7003

<211> 1820

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1795)...(701)

<223> similar to gi62888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7003

tttttttttt	ttagggataa	tgtttttata	ttagtttttc	tataacaaga	aaaatcagct	60
ttgagatttt	tatcattttt	ttccttagaa	aagaataaaa	aataaaggca	cccggaactt	120
ccccacagg	cctgaagaac	aaagggtgtc	cctagggtgca	gctgggtcct	tcctccctgg	180
ctcagcccag	ccccatcacc	tctgtttcac	tcctgccccca	aggccccagc	agcaccaggg	240
gggtctctcc	atcctgcctc	cactgggctt	gcccattgga	aaagtgcctg	tgtcctgccca	300
gggcgtggca	gggagggaact	cttagcagag	tgactgcccc	gcacctggag	gagcaggggtg	360
ggccaggcca	ggccagcagt	cctgaaggct	cctgtccccca	taggatggga	aaggaataaa	420
agccagcttt	tgtgagttcc	agaggggtggc	aggcacctgg	ccacagagca	tggataccct	480
tgtgtcttct	ccagggaacg	gacggacaga	tggacagggc	agacggcgag	ctgctatggc	540
tgattctggc	tggggcaaga	gctgtctgtg	gcataggctt	tggagggctg	ttcgcacatg	600
acttgtgcat	gtgtgtgtgt	gtggtgtgta	tgcatacgca	tacacatgtc	agcaggggga	660
gggaatgggt	gcctgtgtgt	gccagggcag	gggcagaccc	ttccctgcat	gattcagagg	720
gcgtggcagc	ggtagtgggg	gtgtgacaga	gactgtggtg	gtttggaggg	tagttgtgtg	780
tggctgagct	gggtgtttga	gggtgtgatg	tgtgtgcatg	tgtctggccg	tgggacacgc	840
cgtgggaagg	ggtggggata	tgagactgtg	tcagcccgtg	tcatgtggga	tgccctcatgt	900
gtgcagctgg	gtgtgtctgt	gtgagcacgg	cagagtgggg	ggctcacagc	acacaggcgt	960
gtgctgcaga	aaagagtcog	gcggtccatc	atcctagggtc	acatctgcat	caccttgtca	1020
ctatcttgtt	tcctcttctt	caacctcatc	ctcttctctc	tcctcttttt	ccttccccaa	1080
gcggccacgg	tccttgga	tgtcaccaaa	ctctaagttg	ccttcaatgt	ccaagacctg	1140
cagggtgctt	agcctccgga	aggcactgtc	caccacggag	cccacagcca	gcttgtttaa	1200
cctgagaaag	atccccctga	ggttgggcgt	ggagtgcgaag	gcattggcgg	gcaccgcaact	1260
aatcttgttg	ttctgcaggt	acaggtaactc	aagtgaactcg	gggagccctt	cggggatctc	1320
tgtgagctga	ttcccggcga	tgtccagcag	ctgcagatgg	gcgagggtcca	cccaggcagc	1380
ggggcccagg	gctcggctgc	gcagtcgggt	gctggtgagg	tacagctcac	gcagctgagc	1440
catgcccgcc	agcgccctc	gtgccaaaggc	agccagctca	ttgcgcttga	ccttcagcac	1500
atggacattt	cgaggcagcc	cagggtggcag	catgtgcagc	cggttgcccg	acagggtccag	1560
cgagcgagc	aggcgagct	tgcggaaggc	gtcgcgggtgc	acctgtgggc	tgggtgatgcg	1620
gttgtagctg	aggttgagct	cctccaggaa	gtaggtggtg	gcaaagtctt	cgcgccaat	1680

```
gcctgtgac tggttgtgca ggatcatgaa ggcgcgcacg cggcgaggca ggccactggg 1740
cacgcgctac agcgcgttat agtacagggtg cgccgtgtgc aaccgcttga ggccctggaa 1800
ggcccggacg agtgggtcgg 1820
```

```
<210> 7004
<211> 542
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(543)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (436)...(257)
<223> similar to gi3139158 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7004
cccgggtcga cccacgcgtc cggatattctg ctgttggtga gtggagtgtc ctgttaggtc 60
aagttggctt atagtgttat actaatcttc tatatcctta ctcatTTTaa ttctatcaat 120
tatctattat tgagagttaa ctccaactat aattttggat ttgtatatat gttcttgctt 180
tgtttcttca tgctttctca aactctgttt ttaggtgcat aaacatttag gattgttacc 240
tcttaatgag ttgagtcttt attactatga aacaaccctt tttaaatctt ataattattct 300
ttgctgtaaa atttactttt atattaatat gatcagctcc agctttcttt tatttaattgt 360
tagcatggta tagttttttc caaccttttg cttttaacct gtttatgttc ttataacttaa 420
aatgcatttc ttgtaggtag tatatgattc tgccgtccgt atctcaccta atcntganct 480
ctcgctaata cctaactgag tactccaatg gatctgacca tttccacggg cctaaaacgc 540
cc 542
```

```
<210> 7005
<211> 5406
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (644)...(3425)
<223> similar to gi2224653 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

<400>	7005					
tttcgtgccg	agagaccgca	tcgtcggctc	ggaggctgag	gggctgccgc	ggccgggagc	60
gccccctcgcc	tcgctcctcg	ctccgcttgg	tgtcatgtga	ttctctgagg	gagcagctgc	120
gtgagtggag	atgctttcag	tggtaggagaa	tggactggac	ccccaggctg	ccatccccgt	180
catcaagaag	aagctgggtg	gatccgtgaa	ggccttgacg	aagcagtacg	tgtccctgga	240
cacggtggtc	actagtgaag	acggagatgc	caacaccatg	tgcagcgccc	tggaggccgt	300
atztatccat	ggcctgcacg	ccaagcacat	ccgagctgag	gccggaggaa	aaaggaagaa	360
aagtgcccac	cagaagcctc	tgccccagcc	tgtcttctgg	cccctcctga	aagctgtcac	420
ccacaagtga	gatttagctg	gagaggtttt	gctttgcaga	ggagcagcag	actatgggac	480
acttggcttt	tcctccccgg	ctgttcagga	agccaacaga	ggtgccctgt	gttctagcat	540
aaagagagga	cacatcatct	cagagttgga	gcacctgacg	tttgtcaaca	cggatgtggg	600
ccgctgccgg	gcatggctgc	ggctggccct	gaacgatggc	ctgatggagt	gctacctgaa	660
gctgctgctg	caggagcagg	cccgcttgca	tgagtactac	cagcccaccg	ccctgctccg	720
ggatgctgag	gagggcgagt	tcctccttag	cttcctgcag	ggcctcacgt	ccttgctcct	780
cgaactctcc	tacaagtctg	ccatcttaaa	tgagtggacg	ctcaccocat	tggccctgtc	840
tgggctttgc	ccgctttctg	agctggaccc	tctctctacc	tctggtgcag	aactacagcg	900
gaaggaatct	ctggattcca	tttcccatte	ttcaggctct	gaagacatcg	aagtccatca	960
ctcgggccat	aagatacggg	ggaaccagaa	gctgactgcc	tcctccctca	gcctggacac	1020
ggccagttca	tcccagctgt	cctgcagcct	aaactctgat	agctgcttac	tccaagagaa	1080
tggctccaag	agtccagacc	attgcgagga	gccccatgtc	tgtgactcag	acctgggcac	1140
agcaaagtgt	gaggactcag	accggtctct	gcaagaggta	ttgttggaat	tcagcaaagc	1200
ccaggtaaac	tctgtgccaa	ccaacggact	gagccaagaa	acagagatcc	ccacaccaca	1260
ggcctcgctc	tcctcccatg	gcctcaacac	cagcacatac	ctgcactgtg	aggcacctgc	1320
agagccccct	cctgcccagg	cagcctctgg	aactcaagat	ggtgtccacg	tgcaggagcc	1380
gcgtccccag	gcgcccagcc	ccctggactt	acagcagcct	gtagagagca	cctcaggcca	1440
gcagccttct	agtactgtca	gcgagacagc	cagagaagtg	ggccaaggga	atggcctgca	1500
gaaggcccag	gctcatgacg	gagctggtct	gaagctggta	gtttcctcac	ccaccagtcc	1560
gaaaaacaag	agctggatct	cagaggatga	cttctaccgg	ccttcccggg	agcaaccctt	1620
ggagagtgtc	tcagaccacc	caatagcttc	ttacaggggg	actccagggt	caaggcctgg	1680
tctccacagg	catttttctc	aagaaccaag	aaaaaactgc	tccttggggg	cgttagacca	1740
agcgtgtgta	ccttccccag	gaagaaggca	agcccaggca	gccccatccc	aggggcataa	1800
gagcttccgg	gtggtacacc	ggagacagat	gggactgtcc	aaccatttcc	ggggtctcat	1860
gaagctgggc	accgtggagc	ggcggggggc	aatgggcata	tggaaggagc	tcttctgcga	1920
gctctccccg	ctggagtctc	gcctctacct	gagcaacgag	gagcacacct	gtgtggagaa	1980
ctgctcgctg	cttcgctgtg	agtctgtggg	gccagcccat	agtgatgggc	gctttgagct	2040
ggtcttctct	ggcaagaagc	tggccctgcg	cgcctcctcc	caggacgaag	ctgaggactg	2100
gctggaccgg	gtgcgggagg	ccctgcagaa	ggtccggcct	cagcaggagg	atgagtgggt	2160
gaacgtgcag	taccagacc	agcctgagga	accccccgag	gcgccccagg	gctgcctctc	2220
tcctcagac	ctgctctcgg	agcccgcggc	cctccagggc	acacagtttg	actggctcgtc	2280
cgcccagggt	ccagagccag	atgccatcaa	ggagtccctg	ctgtacttgt	acatggacag	2340
gacctggatg	ccctatatat	tttctctgtc	cttgagggt	ctgaaatgtt	tccgcatcag	2400
gaacaatgag	aagatgctga	gtgacagcca	cggcgtggag	accatccggg	acatcctgcc	2460
agacaccagc	cttggggggc	cataccttct	caaaatcata	acggccaagg	ctgtcctgaa	2520
gctgcaggcc	ggaaacgcgc	aggaagccgc	cctgtggagg	gatctggtcc	gcaaagtcct	2580
ggcatcctac	ttggagacag	ccgaggaggc	ggtgaccctg	ggcgggagcc	tggatgaaaa	2640
ctgtcaggag	gtgctgaaat	ttgccaccgc	ggagaatggc	ttcctgctgc	agtacctggt	2700
ggctatcccc	atggagaaag	gccttgactc	ccaagctgct	ttctgcgcag	gctgctcccc	2760
gcagatcggc	ttctcctttg	tacgacccaa	gctctgtgcc	ttctctggcc	tctattactg	2820
tgacatctgc	caccaagacg	atgcctcagt	gattccggcc	aggatcatcc	acaactggga	2880
cctcaccaag	cgcccgatct	gcaggcaggc	cctgaagttt	ctgacgcaga	tccgggccca	2940
gccccctcatc	aacctgcaga	tggtagaacgc	gtctctgtac	gagcatgtgg	agcggatgca	3000
cctcattggg	aggagccggg	agcagctgaa	gctcctgggg	gattacctgg	gcctgtgccg	3060
gagtggcgcc	ctgaaggagc	tcagcaagag	gctcaaccac	cgggaattatc	tcttgagatc	3120
tccgcatagg	ttccgtgttg	ctgacctccg	gcagatcgca	gatgaggtat	atgaaggatt	3180
cctcaaggcc	ctgattgaat	ttgcctccca	gcatgtctac	cactgcgacc	tgtgcaccca	3240
gcgcagcttc	atctgccaga	tctgccagca	ccacgacatc	atcttcccct	ctgagtttga	3300
caccacagtc	aggtgtgcca	agtgaagac	cgtcttccac	cagagctgcc	aggctgtggt	3360

gaagaagggc	tgccccgct	gtgctcgctg	acgcaagtac	cagcaacaga	acgttttcgc	3420
cttaatcccc	aatctgttga	ccccgctctg	aaagccgggg	ttgagtgtgg	ctcagccatc	3480
ccggctgggt	ttcctaataca	gccagagata	ctcaccgtgt	cacagctgtg	tcccccttgt	3540
caggggaagac	cctcaagatg	tggccagagc	accggcctcc	cagaggaaag	cccaggaagt	3600
ccccgtgggtg	tccccctggcc	ctccccccac	ccctctgctg	caggaggcgt	ggccaccacc	3660
agatgctccc	tgtctggggc	aggcagggcc	gtttactcac	caggccctgg	ctcaccagcg	3720
tcccggcgcc	tccgttaggg	ctggccaaac	actgtggaaa	ggggacttgg	ggaacatttt	3780
caattccaca	ttcctgatta	aaaggtctgg	ttttttaagg	tgggtttttc	ccattcatat	3840
ttcaacagaa	agtatttttt	tattcttgac	cctacgtgag	tcacccatga	aatccagaca	3900
ttctcacccc	cagcggatgc	acaggagcca	ctcaggcctg	gcttaaagg	agcgggtggc	3960
tgggtgggcag	gccactgctg	ggacagggtc	tatgggcca	cccagtgcct	ttccttggcc	4020
ctcactgcca	gtgccaaacc	gcccctcagc	agggcagggc	cagtccctggc	gaccccggtt	4080
cctctgtgtc	ctctttactc	cccaccccag	tgcgtctcgc	ctgctgagcc	caccgctttc	4140
tcagcgtcag	agcccctagc	tcttctctag	cctggggcct	tggccccatt	aggagaagga	4200
gaaatgactg	gaaaccagca	ctgtcagcac	tttgagccct	cctcggttta	tggagggtcg	4260
ccgtcttgcc	cacccccgat	ccccgtgcgc	tcctcacccc	tctacagaca	ggggcgctgc	4320
tgcagatgct	ccaggcccac	cttgggtgggt	gcccggggtc	acactctctg	cctgactgac	4380
ccctgccagg	gcacagatag	gcaggacccc	agagagggca	ggcagccacg	ccctgcactg	4440
tggagaagtg	acctggtcct	aagctgtgca	gggcgtgcgg	gggaactgcc	ctgtggatgc	4500
agccaccacc	tcacaaagcc	atgaattccc	aaagcatcac	tgaacttgcc	cagccgggac	4560
actggagact	gaagaagttc	cccgagcag	gactgccttt	gaaggggcct	tggggctggg	4620
gtgggagtct	ggaattgttt	tcaaagtgat	ggtcagaccc	tccaggcttc	ggggaaatgt	4680
gggtttgctg	gtctctctgt	cgccttcccc	cacctctcct	ggacctagca	ggccctcagt	4740
cctagctgtc	ttacctgcgc	tcagcttgga	gtcaggcctc	agggtggagag	ccgcatgtca	4800
ctgtcagaga	tgagccacc	cccacccttc	cctggggggc	attagctgct	gagtcaccca	4860
cccagccttg	gagctggatg	cctgtgcagc	agaacagagg	caacgggtggc	aggcaggtgg	4920
aggctgcgca	cagcttctcc	cggtcatggc	acacacctgt	gccagacgc	caatgcctcc	4980
taagccagga	gctgggttat	gcacccgcca	tggccccaca	ttaacgtcc	caccacaagc	5040
cccagcccta	gtcagagccc	ctcattgccc	cccatccctg	agtgggcagg	agccctggcc	5100
cggggcgggc	ttgggcctgt	gaggattctc	ccccgaagg	gcccctggag	gcaccaggtt	5160
tgaggccctg	ggggccccgt	tccccagaag	ctgccagtgc	tctcagatgc	attgactctt	5220
ccgcctccc	ctccctcaga	aaggtagtcc	ccacactatt	tttaaaatgt	tctcttatgc	5280
aatacactgt	tcctagttag	gcagggtctc	ggccctgagg	agtctttgca	atgtattgaa	5340
ggaattgctc	ccgtgtgagt	tttgactgat	tttgagtaa	ggacctgac	tttctcaaaa	5400
aaaaaa						5406

<210> 7006

<211> 1026

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (887)...(28)

<223> similar to gill1074 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7006

tttttttttt	ttgcgaaaat	agtgggaata	tatttgaaaa	gacaagtcac	tatgatgttt	60
acagtacaac	ctcagggcc	ctccgcactt	ggtttgcgac	actccggagg	cgttttgaat	120

```

ggcctacaac accttccaga gaggcggtct gggcctgatt tggctctcttt caaatatcaa 180
aataaaaaact tttgacgtac acattgcacc caagtaaaaa ctaaacaata gagcaaaaaca 240
aaccatggat cttcaagata cttatggaga gaaggggtgag aaggaagccc tctcaccctt 300
tgacccacct tcacaggcac gacgctgtga gaggacacgt gcgtcccagg cctgggttgg 360
gtcgggtgcat gaggggtgccc tggccagggc agcggctctg cagccccagc cctgagcatc 420
cccgtccggc agcacagacc tcaggcttgc agcccggcag gggaggcagg gagagcgccg 480
ccatgcagggt gcccgtgccc tcgacacagc catggtgggg cttccctgac cccgtctgtc 540
ccaccaata ccccatataa aaaaaaaaaa tcaaggaagc ctgtgttcac attacaacac 600
aaaaatagca ccagaaactt cagagtaaca ttgcaaata gtaggagcca gagctccgta 660
cagcagggag gctctagagg gcggccatgg aggtctggag ggaacgagga gggcccgagg 720
gagctggcac aggggcggtt tcttcccagt tccatacggg aaccgggttc ctgggggtcaa 780
ggtgtgctag agatgggctt ttctcccga gcgcaaagtg aggctggcat gaccctgtgg 840
tcagagggag gaggcagatg cctgtgtgta gaggaggag gcatgaccct gtggtcagag 900
ggaggaggcc tgttgtgtct ttgggggacc aggcggctca gaagcaacc ttctaagtag 960
tgagcactgc cttccccac gtggtttcta aggtcacttt ggaattccag caacagcagc 1020
aagact 1026

```

```

<210> 7007
<211> 8689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8125)...(1242)
<223> similar to gi3716028 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7007
tttttttttt ttaggggggg gagcatttat tttaattttt gtcttgacgc tctttgtaga 60
ggacctagcc tttctttact gaactgaagg ggtttgggtc catcaccgga agactggccc 120
acctgccac acaggtgggg gcacaggagg tctgggaggc cccaggagggt ggaagttcaa 180
aagccttgcc tggccctgtc catccactg gctgaggcca ggccggagggt ccaaccccag 240
gggccctttg tatgcaagcc gacccaaaca agggcccagt gcatagttaa gacacaaaca 300
ccacacagct gtccagagcc tccaaagcac tgtttatcca ggctccatgg aaccaagtgc 360
ccccagctgc ctgccctagt cctcaggggg gcaactggcac cgcaagtggcc tcggcctgag 420
accctcgatg agccccagcc taacctgctc caaagccact gacacatgca tgtttagccc 480
ttggcccatc aagatggggc cctgggaatg aactggctgc agaccctcct ccatccaca 540
ccccagggg ctccatcagt cctggctagc tcagcaccat gttaaatagc ttccttgcaa 600
tctcccttaa ataaacccat ccccagagca acctaccac cctgcaccct gaatatatta 660
tcctattggc ttatgccttc tagactggag gcgctctctc ctcttgccct ctactccagg 720
ggataccatc tccctaaaaa accaggggag gaagtttttt tctcaactct ggggcagaga 780
caaagggtgg cctgggttgg agtggaagag ccagggaatag cttcctctgt cccttccctc 840
cccagggtac ttccttctcc ttgccctctt agcagcctgg gtcaggcgcg acttacccaa 900
ggtcacagac ccaggacca gagtcagac ccatgtagga ggttaccctg gttttgacag 960
cccaaaccag ctccagggca ggaggactga acttaagcct gcctccacct tggcccctgc 1020
agttctccag gctcggagtg agctgaggga ggttccagct cttgactcca ctctgtcccg 1080
gaccctggg actatctccc aggaccctcc acccctggtg tctccaggtc tctcttgtct 1140
tggggatact cagacagcac cgggcatgga agcaatgggg cccgggacat gggcaagcct 1200
gtccctggcc cgatcagcat ctggggccag gccaggcctc acaccagta ctggccattc 1260

```

ttaagggcag	ggttgggtgt	ccggcagaac	tgcagcagct	ctgggtcagg	ctggcctcct	1320
ggagggggcc	cctggccagg	cacagctgtg	agcgggatgg	cctggcctgg	ctccaccttg	1380
cgaaaggtct	cggtgtcacc	agccaggccg	ttgcggggct	tggcagtcag	gacctggacg	1440
tcatgcttgc	ccgtcttggt	gcgttttcgg	aggtagaaga	gcaggggcag	gatgagcgcc	1500
aggagcagaa	gtaccaggca	catgggggatg	atgacgctga	acatgttggc	ctcaaggaag	1560
ctcaggaagc	ctcccttggc	cacagcgggc	tcagggtctg	atgccatggg	gcctggctcg	1620
cctgtggggg	tgtgtctctc	tggcttccct	gcttccgtcc	gggcggcctc	ggggacactg	1680
agcaggggcca	cgctgtaggg	ccgggcagca	ttgtaaggct	cagtggcaaa	gtccaggggag	1740
gccacagcag	gcgggacgcc	ctgtgcccac	agctccagag	tgagactgtc	acctgcgggg	1800
ccggggggccc	tccccctctg	cctgcccacc	tccagcccca	gcctcccgtc	ctcaaggctc	1860
tgctgagtga	actgctccac	cagctggctg	cccccggtc	ccgtcctggc	tcggggcagc	1920
cggaccacgc	ggccatggcg	gggtccctcc	aggaggcgga	agcgcggcac	actgcctgtg	1980
cggttgggcca	gctcgccagc	atctaggacg	gtgggggtcca	ggcgccagggt	ggcaccctgg	2040
ggccatggcc	cacctgcccc	cacatgcagc	agagccctca	cagtgcggtt	cactacggct	2100
gatgcattga	cacccctagc	cagtgccagg	actctgaagt	ggtcatgaga	ggaggagaag	2160
ttggtgaagg	caaagaccac	ctcgccctgg	tctatctgga	attggctgaa	ggccgagggtg	2220
ggccgcccgc	ccaccaggag	atgcccatac	tggggtccct	ggatgaggcg	gtatgctgcc	2280
tctggctcct	cccgatctga	aaccacccgg	agctgctgct	ggctcagtga	ggagcgcccc	2340
aaagcttggg	gcacctccag	gggtgcccgc	agctgcacct	cgatggcgga	tggtaggatg	2400
tccacagcca	gggacatggg	caggggtggg	ctggcccat	cagacatgct	cagctggaag	2460
atgcctgcca	cgctgctccc	gttggccacg	aaggccagcc	gccctgaatc	cacatcggtc	2520
tgcgtgaagc	gggtcacggg	ccccaggcca	ccaccacca	ggctgaggaa	gccgttgttg	2580
ggtgcccgtc	ggacctcgta	ctcaatctcc	ccaggagctg	agtctgggtc	caccacactc	2640
agctggggccc	gggagatggg	ggcacgagag	cctcggggtga	gccggagtgg	gacagaggcc	2700
tgtggctgag	ggggccgctc	atttacatcc	ctcacctgta	tggcaaaggc	ctctgagggt	2760
tggggtccag	ccacggaggc	ccctgctggc	ccctggagggt	gggcacgaaa	gtggaagcca	2820
tctgtctggg	tgccccacc	gccgtgggca	tacactagct	gccctgcagc	cagctgggac	2880
tgcaggaagt	ggggctgccc	agcatggagg	ggctcctcgg	acaccaacag	ctggcccccg	2940
ctgggggaact	gtgtgacctg	gaagagcaca	tcatgctctg	agcgtctggg	tgatggaacg	3000
ctggccaaga	gattggaggc	atccaagaca	ggcacgggtga	tcttgccccg	ctggccctcg	3060
gggacccaga	gacctttggt	cttccagagg	tggctggggc	gctggggaca	ggcagcctca	3120
aaagacacag	ccacagcaag	ggtggcgggc	acgtcccggg	caggcggcga	ggacagctgg	3180
agctctaggg	tatcatgggc	ctcccaaaag	ggctcggggg	gcatctcatg	ctcatacaga	3240
atattcccag	cgtagacctc	tgcctgagtg	aagttcacca	gggcctcccc	tgtgctgtcc	3300
tgtgggcgt	ggaacagccg	gcctagctgg	gggccccgca	ccacacggta	gagcaggagc	3360
tgggggtcag	tgcctgcgct	ggagctggcc	ctgagggtct	gactgctgag	tggctggacg	3420
gacctggggc	agacagtcag	tgtctggctg	cccttcagcg	agaggagcac	ttgcttctgg	3480
gccgtcactc	ggaagaagtg	tccgggggaa	gtgtgctcgc	cgtcagagag	gcggaacggg	3540
aagcctccat	ccagggttcc	tctgtgtgag	aacagcacga	gcccgcctgc	cagctggggc	3600
tgcgtgaagc	tgcgcacctc	agtgcctggc	gccccccgca	gactacccg	cccgttgtctg	3660
ggctgctcga	tgggtgtagc	cagatcctca	gaccagaggt	cgcctccgt	gctcctcaga	3720
gcctccgcag	ggatgggcgc	agtggccccc	tcccacatct	gcaggcctgt	gtttgtagtg	3780
aggatggggg	gttgggtcatt	gacaggcagg	acagtgcagc	tgaaggccac	aggatggctc	3840
tggcgatcca	tctcggaggc	attagccatc	aggacaaaac	tgtctgtcag	tgtctcgctc	3900
ccgtcatgca	cgtagcggat	cagctgctct	tccaccattc	tccaggagaa	ggcgctgagg	3960
gtcctggcct	gaggtccgtc	ctccttctgc	aggggtccat	gctgggggtg	ctccagcacc	4020
tgcaggctga	ggcccaggag	agtgggggaa	tagggcccg	agacacggag	cagtggaggg	4080
gccagggtga	ggctgccacc	ctcagggacg	ctgaagtttt	gcgcctctag	tgggatggca	4140
gcgggcagca	cctccagctc	cacaaggacg	ccctcgaggg	gagcaccag	gcctgaggcc	4200
acatccagcg	agaaggcatc	gctccaggcc	tcagggcggg	agtgcaggta	caggaccctg	4260
cctgtgtcca	ctgcctcctg	ggagaagctc	tgcacagggt	ccaggctggg	tggctcatct	4320
gccaaaggcg	cacgcgacac	catcaccagg	tagccggcac	tcgggtgggt	cttcaactgag	4380
aatacgatgt	ctgcagggtg	cactgcctcc	tgggtgcct	ccagctggtc	ccttctgatc	4440
tcagctgcct	ctccctggaa	gacgtagatc	ttcttgtgcc	ggaccagctt	cagtggggcc	4500
agtgggccc	ctagggcaat	ggtcacttgt	aggggtggcat	ccgtgtgcac	tggccctgct	4560
tccacggaga	aggccatggt	gtcttcgggg	ctgaggctgc	cattgtggct	atagagaacg	4620
gccccatcca	gcaggctcctg	ctggggagaag	gctgtggctg	gctgaccagc	ccggactagt	4680

tgtccccagc	gagggccagc	tgtgacgtgg	tagtggacct	catccccact	gcggatgtcg	4740
aggttggtgt	ccaggtggag	cacggccgtg	tcgatggtgc	cctggcctcc	ttgagggacc	4800
acaaggtctg	agccgttggc	cacacggagg	tagggttccg	aggcctgcac	ctccagcagc	4860
gcagtggcct	ggtgttgccc	gtcggacacc	tgcagctgga	tccagccacg	gtcagcccct	4920
gagtgcacga	acagtactcg	cctcttcctg	aggctcctct	gggtgaagcg	gtagatgggc	4980
cgcgtgggct	catctacggc	cacgatactg	ccaaagagga	ggtccttgcg	ggtaagcacc	5040
agctgggcgt	cagcaaagcc	cgagtcagca	tcgctgaagg	ccacgtcgtc	tgtagtcagc	5100
agccgccgcc	caccccgggc	cacatggaag	atccggtctga	tggctctgcac	aggggctgtg	5160
tcattcacgg	gctggatggc	cactcggaag	acaccccgtg	cctcctccca	ggccatgtca	5220
ccactgctct	cgccctggcg	ggtagcaaca	aatgggatat	catcttctgt	ggtctcggag	5280
tcacatgctc	ggtagaccag	ccggccacgc	aacaggtctt	cattggtgaa	ggatgtcacc	5340
atagtggctc	tgtcctgtgt	cccacgcca	gccaacctcc	caaggcgggg	ccgctccatg	5400
acctcataga	ggtagctggc	actgttgaga	ctcttgacaa	agaggtggtc	agcagagagg	5460
acaccctcac	caccctcagg	caccacgagg	aggacattgg	tgaggacagg	cgcatctggg	5520
tcaccaccaa	tgtggatggg	gaaggtatag	agtggggaga	aatatgggtg	agctgtgaca	5580
cggaaacgga	aggtgtcctc	gactgcctct	gaggcacgag	ctgtggcccc	ataggtcacc	5640
cggccagcct	gtatgtcatc	ctgggtgaag	ccctggccat	ctgacagcct	tgtgccctgt	5700
agttgaaggt	tgcctttcct	gggagcctga	accacctcat	aatggaaggt	tggggggcct	5760
gggcctgcct	cctccagggt	ggcctccagg	tgggctgtgg	tgagggtctc	ctgctgggtg	5820
ttctgagtgt	gcagtggctc	cagccgcagc	atccacacag	tggctctctg	gatggctact	5880
gggaaggaca	gattgtctag	gatctcctgg	cccacctgca	cctccagggc	caggttctcc	5940
acggtgtcgt	aagcgtggtg	ctgtgggtca	gtgtcaggt	acctcacgcg	gccctgctcc	6000
acatcccgtc	ggtggaacgc	ctgtgtggcc	caccactcag	caccctccac	cccacctgta	6060
ctatgcttct	gcagctcccc	aaactgcagg	gccccagtga	cgcggaacag	cacgtccaca	6120
tcttgcccca	cggcatttgt	ctccaccgac	aggttgggcg	gcaagatggg	catggcagag	6180
ccttgggcca	gtcgcaaccc	tgtgtctcgg	tggatctgta	tggccggccg	gatggccacc	6240
accttcagcg	tggccggggg	gctggcctgc	agtccatcgc	tgacccggaa	cgtcaagtcc	6300
tgtgcaggac	caccgcagtg	gacatagact	aggctgccgg	cctccaactc	ccggcaggag	6360
aactcggctc	ccggctcccc	aggctggtct	cggcgctcca	cggggaggcc	agaggaggtg	6420
ccaaggacct	ggaaggtgag	gccctcacag	gcagagtcgg	ggtcataggc	ctggaaaacc	6480
tcaggcccca	cgcgcttctg	cgtgtgttcc	aggatcacca	tgaggctgcc	atgtgggaag	6540
atgatgtggg	gtgggtcatt	gacagggttg	acctggatgg	gcaggaggta	tgtttggccc	6600
ctccgaaggc	atgaggcat	gggcacccga	gccgtcaccg	acacctccag	caccagctgg	6660
tcggaggtgt	cctcagagcc	atcgtggatg	aagcgggect	tgcggttcac	cacgtccagg	6720
aggggtgaaca	tttttcgtgc	ctgggcaccc	aggatgtcca	gctcgagctc	gccatagtgt	6780
gccccctcgg	tcacgctgaa	cagcacctgg	gatttgcgca	gctcagcctc	catcaggtcc	6840
agcgtgggct	gcacatgcct	ccactcaagc	caggctgtgc	cacctcggc	caccaccagt	6900
gggctgatag	tcagcagctg	ggtgaaattg	gcaaagacag	gaggcagccc	tggctcaggc	6960
acgcatggct	caggcagctc	catggctggc	caagcctcgg	gagccagggg	ggagaaagct	7020
tcataatggc	cataggcatc	gtcctcatat	tcctcctcct	ccagcctgca	gccggctgcc	7080
atgttgccgc	tcagcaaagc	ttcccgcagc	ccccgcctct	ggccattgac	actgaggtct	7140
tccatgcagc	ccagcaggga	ggcatttgtg	gcctctggtg	tcaggcccg	gcggtgttcc	7200
tggaggtgac	gagaggcctc	tgcattccagc	cccccgagaa	ggagactgcc	ccgtggctcc	7260
aggtagctga	ggactcctcg	gttcgaagta	tgcgtagggt	actggtccac	ggagatttcc	7320
agccggtgag	cattgatgtg	gacactgacc	tcattggggt	gcccctcggc	cacaggcaca	7380
ctgttggtga	gcaatacggg	accctggccc	ttctccacca	cggcccgcag	gtggccctca	7440
aatatgtcca	catagatgaa	gtccccacgc	cggccccctg	cctggaaggc	caagggtgcc	7500
tgccggctct	gtgtggtgag	tgtaaactct	agggttcctt	cgctcctgag	gccccaggca	7560
gggaaggcag	ccagagagtg	gggcccagag	aagcccaggg	ccacatcatc	actggcagaa	7620
aactcttcag	cacagccctc	atgcacatcg	ggggtcagag	gccggaggag	gctgcggcca	7680
ttgaggggtg	ctgcatggag	gcaacccctc	aggggtcggc	tggttccctc	caggtagggc	7740
aggccaaggg	tcccagtgcc	cccaacaaag	agcccatagg	ggacctctag	gggggctcct	7800
gggactgctg	aggaggcggt	cagaaaccca	tcgactgaca	acgtggccca	gccctctacg	7860
acagtcagca	ccacagtgtg	ggggatggag	tcactcagca	gcgtctctgc	tggagtctgc	7920
agcctcagct	cctcctggcc	cagaacaagt	ctgacctgca	ggtgtccaga	gtagagctgc	7980
agcaggaggt	ggtcagctgg	gcctgctgcc	aggagaagga	gggcttcggg	ttgggacatg	8040
gagaactgca	gctgcaggtc	tatgtcagtc	agagccatgg	ccacagtcac	ctccgggtgg	8100

ttctaacc	aaagaagc	gaactgtt	gtccttag	tatcct	tagacgt	tccagaact	g	8160
atgtcag	atttgg	ctcatca	gagtcac	agaccat	atcgg	tgaagaag	atgaatagg	8220
cctgctg	catccagg	gttaca	atgcgc	ctttcc	agaacaca	gcagcgac	ccgggtag	8280
gatcgct	caaacag	caggctg	cattcca	acttttc	ctccatca	acgagtc	cggttt	8340
tcaattg	tttctc	cttaaac	acgattg	gctgaac	atgcgg	gaacaag	gaaaac	8400
ccgtttc	cggcgg	ctgcag	gagtcc	agagca	tgcgcgc	gtctcc	ctcctc	8460
cttgacc	cagcact	gtctgga	cccatt	ctgtgt	ccgttct	tcaactc	gagcgga	8520
cgggcag	cacaa	ccacac	atctcgt	gtgtgt	gtgtgt	gtgtgt	gtgtgt	8580
ccccctc	gtgtgt	gtgtgt	gtgtgt	gtgtgt	gtgtgt	gtgtgt	gtgtgt	8640
cactgct	gagttc	caggctat	cagctcat	gactgtc	agcaaaa			8689

```

<210> 7008
<211> 1331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1039)...(203)
<223> similar to gi3763920 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	7008							
tttttttt	ttcataca	agccggtg	atctttatt	ataagagag	tgtcaaaa	agg		60
acagttt	catttct	gttttca	gaatcccc	acattccag	tgtt	gacaca	aatta	120
acataaa	actttt	gttgata	tttactgag	gtcttgca	atgtat	cagagtc	attaaata	180
atgcaac	ttctact	gtgaaa	actggaat	ctcattagg	acagact	tagaaa	aggccca	240
gtttcaa	aggatt	ctgactt	gcagactg	gcactccca	ttccaga	agt	tgaatac	300
cctttct	tattct	cggaatg	tccatcat	tcctcaac	ctgatct	ctcag	ttccagt	360
caaaaac	cagaa	attttaag	gggtcaaat	taaggcca	ctgttta	acaagt	ttcttta	420
ttctccc	cggtg	atctaca	cccaggtg	ccacacgt	ctccagc	aac	tttac	480
cctggac	ctt	tatgtg	ctttg	gcaaata	atttt	tataact	ttg	540
tcacgac	ctt	aatgag	ctcc	agggctc	ggga	cgccgag	ctgcag	600
ccgattt	ctt	ctcact	gttg	ttcttc	cttaa	gtttta	acca	660
ggtatga	gga	aagact	gtga	gtcaa	atcat	tggc	cttgag	720
tcagttc	ctt	taattca	atc	accaag	cgtc	tgctg	ctata	780
gtaggtc	ctt	aggta	accct	ggtttt	gggt	ctgatt	tttgc	840
tctttct	ctt	tttctg	gtc	ttgg	tggtat	tctctt	tttct	900
aacattc	ctt	aggctg	tttg	gtttt	ctctg	aaggtac	agg	960
gcatcac	ctt	tgtgtc	ctc	tctc	cttcac	catctga	tgc	1020
cagtcgg	ctg	gttctc	ccac	cactcgt	ctc	cgagat	cg	1080
cgacgtg	ggc	agaacat	cac	gggtag	gcga	ccagctg	cg	1140
ccaggcg	ggc	ggcgtag	ct	cacgcg	gagc	tccgcg	taga	1200
ggcgatg	acg	tcacac	ctc	gccccg	ctc	tccggc	agcc	1260
ttccacac	ag	gcgcg	acag	gcaga	agcag	tttg	gaaacg	1320
atttata	ctt	g				caacata	aat	1331

<210> 7009
 <211> 971
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (554)...(871)
 <223> similar to gi296594 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7009
 tttttttttt ttgatctaag aaacttttatt gctcagaacc ttccctccct gggcaatgga 60
 aagagctttg gagaccagcc catggggaca gagtcagagg cactgggtgt aaaaaagagc 120
 gagcgtgtgg cacatttggg ccattgtcat gtgcgggtat ggcaggagga gggggtaatc 180
 tagaagcccc acatctaggg ccttctaggg acccagatat gcccccttag gcaaggctca 240
 catgccaag caaagcagat gaggtcagcc tggcttgggt tgagggctca gtgcctctta 300
 gccttgccct ggggttcttg gaccttccgg aaactgagcc acatcaggct cacgttgata 360
 gcatagggtg tgatacaaac aatgcagaaa tcatagagca cgaagaacag gatccaggcc 420
 aggtagacag aaccagcgag agacaccagg gagctcagca gcatcaggac agaggcccag 480
 cgtgtccgca ggcaacctaa caatagctgt agtgtgtaga agatgcaacc gaatatgctg 540
 ttggattgat tgaggatgct gtcctgtccc agcacatgct ccaccagccc gaaacccctg 600
 cccacctgg aggagaagac gcgcgaacag ctgatggcgg tgcccacgct gcagagcgcg 660
 cggtaatccc ggtcccgggc gcgcgccgcc ttcacgtgca gcgcgtagag cgagagcact 720
 aagcccgta ggcaaagagc gagccgcacc cagccagggc tccccaggt gctgcccatt 780
 atctccaggt tccgcccagag gcgcccgcgg agaaaaccag ccacggagca ggggccgggc 840
 ggcaaatggc gcgcgccctc ctggccctct gactcggcga ttggccggcc gtgctcgac 900
 tccacgaccc aaatggctgt tccagggcgc tagtcaagcg ggcgagttag gaaaacagcg 960
 aagaatgccg g 971

<210> 7010
 <211> 1509
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (358)...(193)
 <223> similar to gil213130 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7010
 tttttttttt ttcccaaaaa actttattta ttgtttcaag tggcaaatg tcattggtct 60
 ctgtggggta cctggcgggg cagacggaga cctggggtga ggcagggata cagtcccacc 120
 cattataaaa atcaaaggct tttataaaaa atgctataaa ttggtatcaa aagaaaaccc 180
 aaggagggct ggaggaggaa gcagagaggg agagggaagg aggagaggaa gggacaaaac 240

```

cttcaaccac tagtgatgaa atccagggaa ggaaggtgt ggggggagtt cggaggggtga 300
tacaaagtgc ataaatgtgc ctcccagac gctcctcaga ggtggagggg acagaggctg 360
cagcctgggg catggtgggg ctccagccgt ctccacccc agggacccca caggaatggg 420
cactgcctga gactgccagg tgggaagaac ctcaagtact tctcagacct tcttcttctt 480
cagtttcagg gcttgaagcc agttgggcca cgatccttct gacctaggag gcagacggca 540
aagggtccaga atgcaaactt tgaggaaact gaacacaaca aggagacgtg atagggacag 600
aaaccaccct ctaaccagaa gaggcagtct ggggcctggc tgcagggacc caaattctga 660
caccatcttc ataccgttca tctggggcat gtccgactga ggttcctctt tgagcctcag 720
tttgctctct ctgtgaagtg agagtttccc ttttcatcag ggtaatacag tgagggtcagc 780
ggatgcccag agcttaggtc acctaccctg aggatttctc tggcttggga ggtaacgtga 840
ggggctttcc cagtcctggg accttgacag atttcgaacg ctggaccgag gactccttct 900
ggctcgactt gctctcagcc agctctccct cctcagctga gcgattccgg gggcgagct 960
tggccttcag ggctgagggg ctccagccag gaaagaggtt gactttcagc cccttgggtg 1020
ccaacgacat ccgtgtccgg cggctctgag gttcctccac tacctcttca tctgaagatg 1080
gcacccgaga tggcctggc tctgtagagt cctggaacag gtgtgcatcc gagtctgctg 1140
cctccgacag gcccaggta ccccaggcc gaatgaccgg ggcccgggtg ccacgcttgc 1200
gcccagggtt ggcacggctc cgatacatgg cactgtcgag gatctcggtg tctcaatga 1260
aggagaagtc ctgactgggg gatctggcag gagggccttg ggaggggtcg cgagaagtct 1320
gtgctggccc ctgatcgctc cactggctg ctgaagagcc ccagggtgcca tccacgtctt 1380
ctgtctggct ggcctcacca tcaggctgcg gcctccagga ggggtggagag tccttgccag 1440
gctccagcac ctctcttgg gcagcacctg ccccggtctc ttctccgccc gaattccacc 1500
gcactagac 1509

```

```

<210> 7011
<211> 1424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1235)...(555)
<223> similar to gil3009 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7011
agactcgaag actctgagct tgtaggaggg taaaatagag acccagtaaa attgtaataa 60
gcagtgcctg aattatttgg ttccggttgt tttctattag actatggtga gctcagggtga 120
ttgatactcc tgatgcgagt aatacggatg tgtttaggag tgggacttct aggggattta 180
gcgggggtgat gcctgttggg ggccagtgcc ctctagttag gggggtaggg gctaggctgg 240
agtggtaaaa ggctcagaaa aatcctgcga agaaaaaac ttctgaggta ataaatagga 300
ttatcccgtg tcgaaggcct ttttgacag gtggtgtgtg gtggccttgg tatgtgcttt 360
ctcgtgttac atcgcgccat cattggtata tggttagtgt gttgggttagt aggcctagta 420
tgaggagcgt tatggagtgg aagtgaatc acatggctag gccggaggtc attaggaggg 480
ctgagagggc ccctgttagg ggtcatgggc tgggttttac tatatgatag gcatgtgatt 540
ggtgggtcat tatgtgttgt cgtgcaggta gaggcttact agaagtgtga aaacgtaggc 600
ttggattaag ggcacagcga tttctaggat agtcagtaga attagaattg tgaagatgat 660
aagtgtagag ggaagggtta tggttgatat tgctagggtg gcgcttccaa ttaggtgcat 720
gagtaggtgg cctgcagtaa tggtagcggg taggcgtacg gctagggtga ttggttgaat 780
gagtaggctg atggtttcga taataactag tatggggata aggggtgtag gtgtgccttg 840
tggtagaag tgggctaggg catttttaat cttagagcga aagcctataa tcaactgcgcc 900

```

cgctcataag	gggatggcca	tggctagggt	tatagatagt	tgggtggttg	gtgtaaata	960
gtgaggcagg	agtccgagga	ggtagttgt	ggcaataaaa	atgattaagg	atactagtat	1020
aagagatcag	gttcgtcctt	tagtggttg	tatggttatc	atttgttttg	aggttagttt	1080
gattagtcat	tgttggttg	tgattagtcg	gttggtgatg	agatatttgg	aggtggggat	1140
caatagaggg	ggaaatagaa	tgatcagtac	tgcggcgggt	aggcctagga	ttgtgggggc	1200
aatgaatgaa	gcgaacagat	tttcgttcac	tctggttctc	agggtttgtt	ataatttttt	1260
tatttttatg	ggctttggtg	agggaggtag	gtggtagttt	gtgtttaata	tttttagttg	1320
ggtggatgag	gaatagtgt	aggagtatgg	gggtaattat	ggtgggcat	acggtagtat	1380
ttagttgggg	cattcccttc	tgctgtcttc	tcgcagccgt	accc		1424

```

<210> 7012
<211> 587
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (227)...(174)
<223> similar to gi2065165 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7012	
ggggctggaa	gtggaagcgc agcggcagaa ggagagggag agagaaagag agagaggcta 60
attaaaaaag	gatactccga gggaagagag caagggcggt gcgccgcaa ggaccaacta 120
gcggcgagag	ttcgatcttg cctaggcgcg gagagctccc aacctgggct ggaaccttgc 180
ccagcacagg	tggtgctac accccatgta aaaagcggaa aataaaatga agattttcca 240
gcgcaagatg	cgttactggt tgcttccacc ttttttggca attgtttatt tctgcaccat 300
tgtccaaggt	caagtggctc caccacaag gttaagatat aatgtaatat ctcatgacag 360
tatacagatt	tcatggaagg ctccaagagg gaaatttggg gggttacaac ttcttgtgac 420
tccaacttca	ggtggaaaaa ctaaccagct gaatctgcag aacactgcaa ctaaagcaat 480
tattcaaggc	cttatgccag accaaaaatt cccagggttca attattggct tccattaaga 540
taaagaaagc	cagccagctc aagggccatt cagaatttaa ggttttag 587

```

<210> 7013
<211> 1838
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1174)...(833)
<223> similar to gi2465332 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09483723.043400

<400> 7013

tgggggggtgg	tatggagaga	gaatgggcga	tgtttctcag	ggctgcttca	agcgggatta	60
ggggcggcgt	gggaacctga	agctcggcgt	ccgtgatggg	ctagggggct	ttcgaggcga	120
tcgggcgggtg	tcagtcttca	gccgctaagc	cgagaggatc	tgatttaaaa	ttggtgagat	180
gttccttggg	ctggtcagtc	tgaggacctg	aggctcgtag	tggatctttc	tcacggagca	240
aagagcagga	ggacagggga	ttgagctccc	aaggggaggtc	ccccgatcca	agtcacggca	300
ccaaatttca	tgcgcggcac	caaatttcat	gcgcgtccgt	gtgaagagac	caccaaacag	360
gctttgtgtg	agcaataaag	ctgtttattt	cacctgggtg	caggcgggct	gagtccgaaa	420
agagtcagcg	aaggggagata	gggatggagc	cgttttatag	gatttgggta	ggtaaaggaa	480
aattacagtc	aaaggggggtt	tgttctctgg	caggcagagg	agtgggggtc	acaaggtgct	540
cagtgggcag	gagtgggagt	cgcaagatgc	tcagtggggg	agctttttga	gccaggatga	600
gccaggaaaa	ggaatttcac	aaggtaatgt	catcagttaa	ggcagggacc	agccattttc	660
acttcttttg	tgggtggaata	tcatcagtta	aggtggggca	aggcatattc	acttcttttg	720
tggatcttta	gttgcttcag	gccatctgga	tgtatacttc	cactgtgaga	gttacccgaa	780
gctcagcatc	cgtgatggtc	tagggggctt	ccgaggcgat	tgggcagtg	cagtcttcag	840
ccgctaagcc	gagaagatct	gggaaggagt	cagtcagaga	gccttgggcc	ggagttccag	900
gggctctggg	agtggcttgc	ccaaggtgag	ttgaacagtc	cgattttcag	tgggggtccca	960
cacagatggg	acgcggctta	ggaggaatcc	caggctgcgg	gcattccttt	gcccagtggc	1020
cagatttccg	tcacatgtag	caagctccgg	atttgaaatt	ggtgagatgt	ttcttgggct	1080
ggtcgggtctg	aggacctgag	gtcgtaggcg	gatgtttctc	acagagcaaa	gagcaggagg	1140
acaggggatt	gatctcccaa	gggaggtccc	ccgatccgag	tcatggcacc	aaatttcatg	1200
cgcgctccgtg	tgaagagacc	accaaacagg	ctttgtgtga	gcaataaagc	tgtttatttc	1260
acctgggtgc	aggtgggctg	agtctgaaaa	gagtgcagca	agggagatgg	ggtggggcca	1320
ttttatagga	tttgggtagg	taaaggaaaa	aggggggttc	tctggcaggc	aggagtgggg	1380
gtcacaaggt	gctcagtagg	ggagcttctg	agccaggatg	agccaggaga	aggcatttca	1440
caagataatg	tcatcagtta	aggcaggaat	cagccatttt	cacttctttt	gtgatttttc	1500
agttacttca	ggccatctgg	atgtatacgt	gcaggtcaca	ggggatatga	tggcttagct	1560
tgggctcaga	ggcctgacat	cttcttttct	aatttctttc	acacataccc	cttcctttct	1620
gcttctatgg	ccgatatcct	ggttcagccc	ctgactctat	cacttttaac	ctgaaataac	1680
tgcaatatcg	ctaaaacgta	ttcctcttct	tgttctctc	ccacccaat	ccttctctga	1740
tactccagaa	cagctcccca	ttcagaaact	ttttttctt	cgagatggag	ttttgctctt	1800
gttaccagaa	ctggaatgca	atggcataat	ctcggctc			1838

<210> 7014

<211> 580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(353)

<223> similar to gi2316080 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7014

tttcgtgtct	gaggcggtg	tggccacgtc	tgaggcggct	gtggccgcgt	cggtgtccgc	60
gtcagaggagc	cggggcaggg	cacgatggcg	gactgggctc	gggctcagag	cccgggcgct	120
gtggaagaga	ttctagaccg	ggagaacaag	cgaatggctg	acagcctggc	ctccaaagtc	180
accaggctca	aatcgctcgc	cctggacatc	gatagggatg	cagaggatca	gaaccgggtac	240

ctggatggca	tggactcgga	tttcacaagc	atgaccagcc	tgcttacagg	gagcgtgaag	300
cgcttttcca	caatggcaag	gtgcaggtga	tggctctacc	agtgtgtctg	ttgaggtcac	360
ccgtcctaaa	gtgacctccc	tgaaagcctg	agttgaaatc	cagactccac	ttcttgaggc	420
ctggccttgg	actcttgggc	agcctctgga	aatcctcctc	ttcaggccca	gcggataccc	480
caccttccct	gtccatgtct	tccttgtact	ccctgtatta	cccattgatg	tgtaacaggt	540
caccctaaaa	cttcacctaa	aatagcaatg	aaaaaaaaaa			580

```

<210> 7015
<211> 1669
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (230)...(91)
<223> similar to gil70454 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7015						
ggataaataa	tatcctatat	at ttatacat	ttctatgttt	taaatagata	taaaaataga	60
gtctatagag	ctgggagagc	agtgggaagc	ctggcgctgt	gctgtgcaaa	ggggaaggga	120
gcacggcctt	cggagaggga	gccgggggaag	gccagcaggc	aggggttggt	ggcaaggggg	180
cctcctaccc	ggagtgttgg	agaggagagt	ggctgggtcc	cggctcgctc	catgcacttt	240
ctctcctttt	ccacaggcct	ggtctgaggt	tgggaaggaga	tacccctga	gctccagctg	300
aggtgcccc	tacctctccc	cacccccaca	gccacgcctt	aggcggtcac	tgctgcttgg	360
cagtaggacg	tggctctctga	ctcctgggtg	gagggaccac	tgcaaaaact	ccttcaaaac	420
cctccccac	caggactgag	cagcgtcagt	ggcaatagga	aagggtccaaa	ctggatcaag	480
agctgggtcca	ggaaagatac	cgccccctgcc	ctggttagatg	cttctgctgc	ccctagaggc	540
caagccccctg	aagtgcagcc	gtcctggcct	ccctcacttg	ctcaaccact	gtcaggagga	600
gaggatgtgg	gcagcatgag	catcgccagg	cagcgtgcc	caccatccac	aggctttctg	660
gccagggcag	ggggcatcag	ctagcaggaa	acggtgggag	agacatatct	gcacactcat	720
aaattcaatg	gtactccag	tccagaagca	gggctttggc	ccagcccgt	ccgcgcagca	780
gctgctgctg	gctgtactca	ggacaacgct	gttccccctc	cctcacagag	gccccgtggc	840
ccctacccca	ctccgcgct	aacaggcagg	tttagttcac	atacactgtt	cgcattctgt	900
gacttgaggc	agaggctgag	ctgggatacc	ccaagctcat	ccactttcgt	tggggagggc	960
ccctccctgg	gtttatcacc	agctcctagc	cggggccggg	cggggatgtc	tggggggccac	1020
gcggggggcac	tgggtgcaagc	tggcagcatg	acagagggt	tgtgcagccc	tgacgggacc	1080
cagaagccca	tttgctcgca	gtttcctctc	tctgtttttt	tcctcctgga	ggtaggagag	1140
agggcctgac	caggcaccag	atgatggagc	aagggcagct	gcatgctccc	tctctccaga	1200
ccagccttct	gtttttgggg	tccgaagggg	catttgcctc	catcctgagc	ctcctctgcc	1260
cctgtcttgc	tcttccctac	catcctacaa	gtacctcagt	ctccagcagg	cccacccctc	1320
cacctgcagc	ccagggcggg	tctgttctgc	caatgccac	ctccttgagc	cacagtttagc	1380
tgccaactgg	gtcttgggac	accctccagt	acctggctca	agagagacca	ggccgggccc	1440
agccttcttc	ccactgcagt	ggactagacc	cacggccagg	ggatgggcat	ccccaggtag	1500
caatcccaca	atgcactgta	cctcaaagag	agagcacgcc	aggggcacca	agggaccgag	1560
ccctctgtcc	agaggggggac	agcggtcaca	atactgtctc	ccaaaagaca	aaggccaggc	1620
tgccctcggg	cacctctcag	tcttctcttt	tgtctctccg	gaagaacca		1669

0948735.013100

<210> 7016
 <211> 5600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (186)...(1310)
 <223> similar to gi3449310 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7016
 caaagttgtc atgaaaatattt attaagaaaa ataaaataga gttcattttta ttaagagggc 60
 attaaatctt agttggtaat gtctctttcc ttctttcctt tgcagagtat gtatgtaact 120
 gctctgtggt tgggaagcctg aatgtgaatc gctgcaacca gaccacaggg cagtgtgagt 180
 gtcggccagg ttatcagggg cttcactgtg aaacctgcaa agagggcctt tacctaaatt 240
 acacttctgg gctctgtcag ccatgtgact gtagtccaca tggagctctc agcataccgt 300
 gcaacagttc tgggaaatgc cagtgc aaag tgggtgtcat tggctctata tgtgaccgat 360
 gccaaagtgg atattatggc tttagtaaga atggctgctt gccctgcaa tgcaataatc 420
 ggtctgccag ttgcgatgcc ctacaggtg cttgtttaaa ctgccaggaa aatagcaaag 480
 gaaatcactg tgaagaatgt aaagaaggat tttatcagag tcctgatgcc actaaagaat 540
 gtcttcgctg cccttggttca gcagtgcacat ctacaggcag ctgctctata aaatcgagtg 600
 aattggaacc tgaatgtgac cagtgtaaag atggttacat agggccgaac tgcaataaat 660
 gtgaaaatgg ctattacaat tttgacagca tctgtagaaa gtgccaatgt cacggccatg 720
 tgtaccagt taaaactcca aagatttgta agcccgagag tgggtgagtgc atcaactgcc 780
 tccataaacac cactgggttt tgggtgtgaga actgcctata aggttatgtt cagcacctcg 840
 agggaaattg catcaagaaa gttattcttc caacacctga aggttctacc attttgggtt 900
 ccaatgcctc tttgaccaca tcagtgcaca cccctgttat aaatagtact tttacccta 960
 caaccctgca gactatcttt tcagtaagca cttctgaaaa cagcacttca gcttttagctg 1020
 atgtatcatg gacccaattt aacatcatca ttttgacagt catcatcatt gttgtggtgc 1080
 tgctaattggg atttgtgggg gctgtatata tgtaccgca gtacaaaaac cggaactca 1140
 atgccccctt ttggaccatc gagctgaaag aagacaatat cagtttcagc agctaccatg 1200
 acagcattcc caatgcagat gtttcgggat tgttggaaga tgatggcaat gaagtggctc 1260
 ccaatgggca gctgaccctg acgacgcca tacataacta caaagcctaa ggagctagaa 1320
 ctgttctgaa ttgttaaacc acagtgttg ctaagacaga gtcagcccct gggccagaca 1380
 aagcctggct agagtttgct gagaaagcaa aggcaaatag tgcattctgaa attttcaggt 1440
 acaaatttgt aatgcgctta gcctatctat tgctcttagt tttcccatga agatctgaag 1500
 cgttcactgt cattaggact tgaagtaag tatatttttg taccaaacca catgggagta 1560
 tggaaaggct gaaccccata gtgcagccca aaaccaattt gacctccaga tagactcctg 1620
 gggaagcatt caccaagcca gtggttaaca gatgatgaat gtggaggggg aaaagactgc 1680
 tggaaagact catctccatt cctgaaacat tttttttaaa acagtgtcag ggattatatt 1740
 cgttttacta tacaaaagga catcattgag gaaaagcttg tttctaggct gtatcacagt 1800
 aaataatctt gattgtttct agaacagggg tagaaaagtc ccaagatctt cagaagggct 1860
 tgggtttttc ctcccaggat tcttgctcag tgatgagttg aaagcacagg ataagcttct 1920
 aaggagggaa ggcagcattg gggagcagga ggctgatgg cctcctcagg gtctcaggt 1980
 aaatgataaa ttgtctaaaa ataaggaata ttctgcctc tagagaaata aggtgtacat 2040
 agttaatgta gcatactctg tcgacgttgt atttgtatct atttgtaaaa aaaaaatcat 2100
 gtcataatct atcatctgga atttatattg acagcagtta atgggtgttg aaaaagaaaa 2160
 atatggggat tgcttaaaat actgtaaaat agatggcaat attgctagag ctgggactct 2220
 ggtgagcatc cgtcattttt agtccttctt gaggacattg ctgaaattta taagaggtcg 2280
 aatgtttctt tctttcctt ctcagtctaa aagtaaagtt atatgctctt tgacttacta 2340
 tgattcaagc aatagatttt gaagtcagta atcgtaagc tgggacatag gatgcattct 2400

ccaaaaacat	taatctaatt	agacattagc	caccctatat	attttacata	gattaatatata	2460
aaacatatcc	tcattaaaaa	atgttttttct	tgaatgtaaa	agatagtctt	ccaaaggata	2520
gaaatatttt	agttccaaga	gaaaagccat	catattactt	gggatctgta	gttttcatgc	2580
ctatgaaata	tttataatcc	tccctcaccc	caaataaaaa	atctcctaca	tgtgaacata	2640
gcctgtcact	catttgccat	gaggtatgtg	ccatctccct	gcagtgcctat	agttctccca	2700
ttgtcttcct	gtctggttaa	tgagcagctt	tgtagatggg	tgtgtctagt	tagttcttgc	2760
tttttgatgg	agttttttcc	tagaggccaa	ctactgttgc	tctcgtttat	tatgatattg	2820
acattttggg	ttaagcaagg	tgggtgggaa	aggtggtcag	atgttaaata	taacttatta	2880
ggaggaacag	tgaactgtga	agtgggttaga	aaaaaaataa	aaacttctta	ttagattaga	2940
cctaggaaat	tcaagctgac	ccctttgcct	aacttcccta	gagaaaaacc	tagaacttgg	3000
tcatcccttt	ataggagacc	cctaagttgt	tctcagggtt	tggagatgat	gttctggagg	3060
gagtacaagc	aaataatcta	cttctggtaa	tctgagggtg	ctttgcgtat	ttggccattg	3120
ctcagaagaa	tagagggttac	attatattac	attatatgaa	aattatttag	tttttctata	3180
gccctttgta	gtttgcaaag	cactttttcca	tatgtgtgtc	ctctcttcca	caccatagcc	3240
ccctgaggaa	gtaattgttg	tccccatttt	atagatgaaa	aggctgaggc	acagaggagc	3300
taaatatctt	gttcaaggct	atacaatgtg	tgtgattatt	aggcttgga	tcagggcctc	3360
taactctaaa	gcacatgttt	tttcaactat	atgcagaaat	tgccatagcca	tggacacaag	3420
aaagctggga	ggaagagttc	tacttgtgga	tgtttttaat	tttttttaaa	tatcaggagc	3480
aatccagggc	catacagcta	tgaagcactt	agtgaaga	acacaagaag	atttactaac	3540
tgaagttagt	attagtgtt	agaaaacaaa	actgccagtt	tgtgcttcat	taaggtgaac	3600
tcatctctcc	aagcaggaag	ggaaaatttg	ctttccctag	cagttgctgc	atatgtgtgt	3660
acagactgca	caattctaag	aaattgtgca	aaatggcata	cctgtctttc	tcccagatac	3720
accgccccct	gcccccccca	aaaaaggtca	ggattaaagg	tggtgagaag	tgaacattta	3780
ttaaacagaa	gttaaaccba	tagagagaaa	ggaggtttgt	tggagtctaa	gaggattttg	3840
accatgtaga	aattccttga	aacagacctt	aaaaggtatt	gaaaaattga	atcacaaga	3900
aagtttacct	ttaaataactt	gttaatggct	cctagatcat	ggttataatt	tttctcaatg	3960
ggaaaaaaag	tcttaaaatt	tgttttaaat	aagatcctct	aatgtctcga	gctttttgat	4020
tctggaaata	atttgcttta	aaatataaat	caatcagaaa	gtgatctacc	actgaaatca	4080
ttctaggaaa	ctagcatggg	atgcactgca	caatgttctt	tcctctaaag	gcatgggccc	4140
cataaactgt	ggcatctggc	agcaggatgc	catcagtcct	ttagaaagcc	taattttggg	4200
ccgggtgcgg	tggctcacgc	ctgtaatccc	agcactttgg	gaggccgagg	cgggtggatc	4260
acaaggtcag	gagttcgaga	ccagcctggt	caacatggcg	aaatcccgtc	tctactaaaa	4320
acacaaaaat	tagccaggcg	cagtgggtgcg	cacctgcaat	cccagctact	caggaggctg	4380
aggcaggaga	atcacttgaa	cctgggaggc	agaggttaca	gtgagccgag	atggcgccat	4440
ttcactccag	cctgggcgac	agagcaagac	tctgtctcaa	aaaaaaggaa	gaaaaagaaa	4500
gcctaataat	gggagaatgt	ttgtgtaagg	attggaaatc	tgtttatttt	taaataagat	4560
agcactgatg	tgaatcttat	ttggaaatta	cagatactgc	cattaagcga	tgcctttatc	4620
ttcattaatt	cattttggta	agcgcctatg	catttctgat	ggttaggtgc	cctaggtagt	4680
gttaagtatg	tccgtgtcct	cccttactcc	cctctcgctc	cctctaccct	ctatccccta	4740
gggttctttt	attaatggaa	tttctccagt	tatagagaaa	aaaatgacat	ttgaaaacta	4800
aagctcattt	atattaatac	taaggtcctg	tgggcctagt	gcgttactct	tcccagtgat	4860
acctagattt	taagagtaga	gaacagagga	aacatgggat	gagaggagag	aggtttttta	4920
gacaacattt	gtagacacct	caaattatat	cactgtttctc	tagcgccaat	attcccaggt	4980
aaattgacca	ttaaagcaat	actcactgac	ctactagttt	attttgggtca	gctgagtacc	5040
atcaggatat	ttaacccttt	aagtgtctgtt	ttgggagtag	aaaactaaag	caacaatact	5100
tcctcttgac	agctttgatt	ggaatggggt	tattagatca	ttcaccttgg	tcctacactt	5160
tttaggatgc	ttggtgaaca	taacaccact	tataatgaac	atccctgggt	cctatatattt	5220
gggctatgtg	ggtaggaatt	gttacttgtt	gtgcagcag	cagccctaga	aagtaagccc	5280
agggtctcag	atctaagtta	gtccaaaagc	ttaatgattt	aaagtcaagt	tghtaatgcta	5340
ggcataagca	ctctataata	cattaaatta	taggccgagc	aattagggaa	tgtttctgaa	5400
acattaaact	tgtattttatg	tactaaaaat	tctaacacaa	acttaaaaaa	tgtgtctcat	5460
acatatgctg	tactaggctt	catcatgcat	ttctaaattt	gtgtatgatt	tgaatatatg	5520
aaagaattta	tacaagagtg	ttattttaaaa	ttatttaaaaa	taaatgtata	taattttgtac	5580
ctattgtaaa	aaaaaaaaaa					5600

<210> 7017
 <211> 1569
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1570)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1266)...(1512)
 <223> similar to gill196431 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7017

ttctaattca	gcatatatca	tctcagaatg	gatccccagc	aggaaaaaaa	aaaaaaagtt	60
actaaaaagg	aaagtatcca	tacactgaaa	acttaaagca	tattcctttt	tggttgccctt	120
gtatgtagaa	atcagttctc	caagtgtctg	gaatgggtgcc	acttaggagt	agaaactgat	180
gattgttgaa	atggcctttg	ggtggtctga	aatagaccag	tggaacacagt	agctttgtag	240
gcaagaaggc	aatagtaaga	aaatgaaaaa	ttgactcccc	aaactgccat	cactcctttt	300
accatccttt	ttgtgttttt	agtagtttgg	tttctgacgg	agacaataga	aacttactta	360
aaagtaaaat	ttaattctag	ctgttgcaaa	caggccaata	ttgggtcctc	agttggggcc	420
aacttgggta	gacgagacag	tagaaacttc	tgttttctgg	gagctgcatg	tgctcgattc	480
atctgtcatg	gccttcccac	acaccatctt	catgatgcaa	gcttggaact	ggagagaaag	540
gtacaattgg	agataacctt	ggcagatgag	gaagtatggg	aaaaaagacc	ttattctctg	600
tatcaccaaa	gccttgcaaa	atgctttgta	cccagaatgc	ccttaggtgg	ttttgaatct	660
atcttcccca	tcctgaaaac	tatctagatt	ccagtctaga	actactcctg	ggtctacggt	720
aatcctaaac	tggtcaagtc	tgagacctca	ctggttgtaa	attcacaaac	catcctgctt	780
cataaaagca	ctgtcagcag	aggcccctcc	attactagca	ggtgctccca	gctggaaagg	840
actgccaatt	ctcttctatc	cagggagggt	tcaaattagt	tttgagtcta	cctctgggat	900
tgaggaaaca	ataccatctg	aaagtagggt	ttttgccact	taggggtttg	tgtttattag	960
ctcggttttc	agatgggata	ggaaatcccc	cagtaccttc	agatgataag	atattttaga	1020
gattttttgca	tgtggtatga	tttctgtgct	tcacacatgc	tcgtgcaggc	taaaagttgg	1080
aagggaatg	attaagaaat	tattaaatgc	aaggactgaa	aattgagagg	aatctgagtt	1140
tttattttta	tttttttaat	tttatttaag	ttccaggata	catgtgcagg	atgtgcaggt	1200
ttgttacata	ggtaaacttg	tgccatggtg	gtttgcgtga	cctatcaacc	catcacctag	1260
gtattaagcc	cagcatgcat	tagctatttt	tcctaattgt	ctccttcccc	cacctaaccc	1320
cccaacaacc	caaatgccca	tcaatgatag	actggataaa	gaaaatatgg	tacatatata	1380
ccatggaata	ctatgcaacc	ataaaaagga	atgagatcat	gttcttttga	gggacatgga	1440
tgagatgga	agccattatc	ctcagcaaac	taatgcagga	ctatatgttc	tcacttataa	1500
gtgggagctg	aacaatgaga	acatatggaa	acagggagga	gaacaatata	gaccgngtgc	1560
ctcttgcat						1569

<210> 7018
 <211> 2349
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (226)...(2275)

<223> similar to gi3721653 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7018

cgggacagct	cagagcaggg	cagaactggg	gacactctgg	gccggccttc	tgccctgcatg	60
gacgctctga	agccaccctg	tctctggagg	aaccacgagc	gaggggaagaa	ggacagggac	120
tcgtgtggca	ggaagaactc	agagccggga	agcccccatt	cactagaagc	actgagagat	180
gcggcccccct	cgcaggggtct	gaatttcctg	ctgctgttca	caaagatgct	ttttatcttt	240
aactttttgt	tttccccact	tccgacccccg	gcgttgatct	gcacccctgac	atttgagact	300
gccatcttct	tgtggctgat	caccagacct	caaccctgtct	tacctcttct	tgacctgaac	360
aatcagtctg	tgggaattga	gggaggagca	cgggaagggg	tttcccagaa	gaacaatgac	420
ctaacaagtt	gctgcttctc	agatgccaa	actatgtatg	aggttttcca	aagaggactc	480
gctgtgtctg	acaatggggc	ctgcttggga	tatagaaaac	caaaccagcc	ctacagatgg	540
ctatcttaca	aacaggtgtc	tgatagagca	gagtacctgg	gttccctgtct	cttgcatataa	600
gggtataaat	catcaccaga	ccagtttgtc	ggcatctttg	ctcagaatag	gccagagtgg	660
atcatctccg	aattggcttg	ttacacgtac	tctatggtag	ctgtacctct	gtatgacacc	720
ttgggaccag	aagccatcgt	acatattgtc	aacaaggctg	atatcgccat	ggtgatctgt	780
gacacacccc	aaaaggcatt	ggtgctgata	gggaatgtag	agaaaggctt	caccccagac	840
ctgaaggtga	tcctccttat	ggaccccttt	gatgatgacc	tgaagcaaag	aggggagaag	900
agtggaattg	agatcttctc	cctatatgat	gctgagaacc	taggcaaaga	gcacttcaga	960
aaacctgtgc	ctcctagccc	agaagacctg	agcgtcatct	gcttcaccag	tgggaccaca	1020
ggtgacccca	aaggagccat	gataacccat	caaaatattg	tttcaaagtc	tgctgccttt	1080
ctcaaagtgt	tggagcatgc	ttatgagccc	actcctgatg	atgtggccat	atcctacctc	1140
cctctggctc	atatgtttga	gaggattgta	caggctgttg	tgtacagctg	tggagccaga	1200
gttggtattct	tccaagggga	tattcggttg	ctggctgacg	acatgaagac	tttgaagccc	1260
acattgtttc	ccgcggtgcc	tgcactcctt	aacaggatct	acgataaggt	acaaaatgag	1320
gccaaagacac	ccttgaagaa	gttcttgttg	aagctggctg	tttccagtaa	attcaaagag	1380
cttcaaaagg	gtatcatcag	gcatgatagt	ttctgggaca	agctcatctt	tgcaaagatc	1440
caggacagcc	tgggcggaag	ggttcgtgta	attgtcactg	gagctgcccc	catgtccact	1500
tcagtcatga	cattcttccg	ggcagcaatg	ggatgtcagg	tgtatgaagc	ttatggtcaa	1560
acagaatgca	caggtggctg	tacatttaca	ttacctgggg	actggacatc	aggtcacggt	1620
ggggtgcccc	tggcttgcaa	ttacgtgaag	ctggaagatg	tggctgacat	gaactacttt	1680
acagtgaata	atgaaggaga	ggtctgcatc	aagggtacaa	acgtgttcaa	aggatacctg	1740
aaggaccctg	agaagacaca	ggaagccctg	gacagtgatg	gctggcttca	cacaggagac	1800
attggtcgct	ggctcccga	tggaaactctg	aagatcatcg	accgtaaaaa	gaacattttc	1860
aagctggccc	aaggagaata	cattgcacca	gagaagatag	aaaatatcta	caacaggagt	1920
caaccagtgt	tacaaatttt	tgtacacggg	gagagcttac	ggtcatcctt	agtaggagtg	1980
gtggttccctg	acacagatgt	acttccctca	tttgcagcca	agcttggggg	gaagggctcc	2040
tttgaggaa	tgtgccaaaa	ccaagttgta	agggaaagcca	ttttagaaga	cttgagaaaa	2100
attgggaaag	aaagtggcct	taaaactttt	gaacaggtca	aagccatttt	tcttcatcca	2160
gagccatttt	ccattgaaaa	tgggctcttg	acaccaacat	tgaagcaaaa	gcgaggagag	2220
ctttccaaat	actttcggac	ccaaattgac	agcctgtatg	agcacatcca	ggattaggat	2280
acagtactta	agtacctgcc	ggccccctgt	gcactgcttg	tgagaaaatg	gattaaaaaac	2340
tattcttac						2349

09483745 "013100

<210> 7019
 <211> 1833
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1633)...(1141)
 <223> similar to gi3098268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7019

tttttttttt	tcagggtaca	aaatgtcttt	atatcttcaa	tctcattata	cagcaaaaaga	60
gggaggagga	aaaaactagg	agacatagat	agatacactg	atggatgttt	caaaaattat	120
tttttattgt	tacattccaa	agaggacata	ggaagaaaaa	aagccagtta	acccaataaa	180
tggttaagac	ctttcagaag	aggcaccac	aaccccagcc	ctagttcaaa	gctgcacaca	240
ttggagctca	aacagctgcc	tctcaccacg	accggaaatg	ctgacaaatg	tgtatatatt	300
atcaatccag	ggaggcttgg	gtttaaaata	aaatttcttt	attgcaagtg	tccaagtcct	360
taggatttgt	ccttaaaggt	actagaagat	gagtaagacc	acacacacca	agactatggt	420
tagtctttag	agtaaaactag	caaatggcca	gtttgttcta	ggatgcattg	catcagacat	480
cacagtacat	gaagaaaatc	tgctttttgt	gaaaagccac	caggcatttt	agatcccgtt	540
taccatgaag	tgcagacaca	gcagataccc	agataataca	gtcagtgcaa	aagtcaaatg	600
agtaagtcag	ctctttgatg	aggctggcta	cactgcaaaa	tataaatgaa	actcgaaaat	660
agaaggtaag	gtctattttac	aaaagtttgt	ttagtaaaagt	gacttgaaaa	aagttgttaa	720
ccacttccca	ggcatccctc	ccctctccca	ccaaaacaaa	caaacaaaaa	acaacaacaa	780
caaaaaccct	gaaaattatc	ttgaaagtca	agttaaaact	atgtggtgaa	aaagagagtg	840
cttgttccag	gtaaaggact	tcaagataat	ttacaggcag	atttattttt	attagtaaaa	900
gtcacaaata	ggaaaagact	tattggctga	ctttgagctg	tgtgctttta	aaaatgtctc	960
tattattacg	ttaacaagaa	aaaaaaatca	agcaagtttt	tgcttccagt	tttgaatctt	1020
ccagcaacag	ttggtgaaat	caacaaggta	ttaaaatgaa	accagcaaaa	accagtcag	1080
ttctttccag	ttgtctgcct	gtttctttct	agtcaccttg	aattcaattc	ccaattagct	1140
gaggacaaca	tgccggtcaa	agacagactt	tcgctgctct	tggaacttgaa	gcttccagcg	1200
ctgctgtgca	tattctacct	tgttcagcac	gttggtctga	ctgcggggagc	gggctagcac	1260
atcgtgtgca	tttgcaaaag	gctggtgac	cccaatatca	tcatcactct	gtatcaactg	1320
tgcattgtcca	aagaggcgcc	tcttcagtat	gggctcaacc	agagtaagat	ataccatgta	1380
cagaagtaga	aggcccaaaa	tggagagata	aattataatg	gtaaccttga	ttgtgacaga	1440
gcttctttct	tcatattttg	attcacagcg	tagacagtat	gcttctacat	caggcccccg	1500
cacaggcatg	ggctccacaa	catgaaggca	atcacaatct	ttctgagata	tgttcttatt	1560
ataaatatgc	ccagaatttt	ctttataggg	agggcagata	catttacatc	tgacatcctc	1620
gaaattcttg	gcggcgtctg	acagctgcgc	cagcagcagc	acggaaagcg	ccaggcacga	1680
caggctgagc	aaggagccaa	gccgaagaag	gcctccccac	agggctcgcca	tcgctggggg	1740
cccagcggtc	ccacagcccg	gagcccccg	gaccggctcc	cggctcgggc	tcaggctcag	1800
gctcaggctc	aggcacaggc	ttgggaccgg	gct			1833

<210> 7020
 <211> 1536
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (558)...(1488)
 <223> similar to gi4995303 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7020

cggccgcgac	cactaccacc	actgagcacc	gcttcttccg	ccggagcgtc	atctgcgact	60
ccaatgccac	tgcactggag	cttcccggcc	ttctcttttc	cctgccccag	cccagcatcc	120
ccgcggctgt	cccgcagagt	gctccaccgg	agccccaccg	ggaagagacc	gtgaccgcca	180
ccgccacttc	ccaggtagcc	cagcagcctc	cagccgctgc	cgcccctggg	gaacaggccg	240
tcgcggggccc	tgccccctcg	actgtcccca	gcagtaccag	caaagaccgc	ccagtgtccc	300
agcctagcct	tgtggggagc	aaagaggagc	cgccgcccgc	gagaagtggc	agcggcggcg	360
gcagcgccaa	ggagccacag	gaggaacgga	gccagcagca	ggatgatatc	gaagagctgg	420
agaccaaggc	cgtgggaatg	tctaacgatg	gccgctttct	caagtttgac	atcgaaatcg	480
gcagaggctc	ctttaagacg	gtctacaaa	gtctggacac	tgaaaccacc	gtggaagtgc	540
cctggtgtga	actgcaggat	cgaaaattaa	caaagtctga	gaggcagaga	tttaaagaag	600
aagctgaaat	gttaaaaggt	cttcagcatc	ccaatattgt	tagattttat	gattcctggg	660
aatccacagt	aaaaggaaa	aagtgcattg	ttttggtgac	tgaacttatg	acgtctggaa	720
cacttaaaac	gtatctgaaa	aggtttaaa	tgatgaagat	caaagttcta	agaagctggt	780
gccgtcagat	ccttaaaggt	cttcagtttc	ttcatactcg	aactccacct	atcattcacc	840
gcgatcttaa	atgtgacaac	atctttatca	ccggccctac	tggtctcagtc	aagattggag	900
acctcggctc	ggcaaccctg	aagcgggctt	cttttgccaa	gagtgtgata	ggtaccccag	960
agttcatggc	ccctgagatg	tatgaggaga	aatatgatga	atccgttgac	gtttatgctt	1020
ttgggatgtg	catgcttgag	atggctacat	ctgaatatcc	ttactcggag	tgccaaaatg	1080
ctgcacagat	ctaccgtcgc	gtgaccagtg	gggtgaagcc	agccagtttt	gacaaagtag	1140
caattcctga	agtgaaggaa	attattgaag	gatgcatacg	acaaaacaaa	gatgaaagat	1200
attccatcaa	agaccctttg	aaccatgcct	tcttccaaga	ggaaacagga	gtacgggtag	1260
aattagcaga	agaagatgat	ggagaaaaaa	tagccataaa	attatggcta	cgtattgaag	1320
atattaagaa	attaaaggga	aaatacaaa	ataatgaagc	tattgagttt	tcttttgatt	1380
tagagagaaa	tgtcccagaa	gatgttgcac	aagaaatggt	agagtctggg	tatgtctgtg	1440
aaggtgatca	caagaccatg	gctaaagcta	tcaaagacag	agtatcatta	attaagagga	1500
aacgagagca	gcggcagttg	gtacggggag	agcaag			1536

<210> 7021
 <211> 1406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1354)...(377)
 <223> similar to gi5912119 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7021

tttcagggtga	cataacatct	gattccaaga	ttgaaactat	ttctaggagc	tggcagggcg	60
agaattcaaa	ggacacaagg	ttctagtcct	ggaagactac	aactcttact	gtttgagatg	120

```

tttattttcta gtttttagtg ttaaacccca gctccatatt tattccttaa gtgtttcccc 180
tcaccctggg aagaagcttg ttgctcgttt ttgattgtcc tctgccagca gatctgcacg 240
agatgtggtt cttcagtcct tcccacttgt gagacaaatc tccattaaag tctcaacaaa 300
tgcaactgtc ccttgtagag taagcaagcc taagagtgtc gcttctctgc cctggccctg 360
gctggtcaga gtactaggag ttcttggtatt tccgctcttt tctggccctg gaggccatga 420
ggctgaagaa gagcccagga gccagagttc gaagataaac agccaaggaa ggcagtaagt 480
cagccaggat cacatctttc ttcttcttcc ccacagcagc aagaacatcc tggggccacct 540
ccacagggtc tcggccctgg gctgtggtgg tgtccataac tccataccta gatccatccg 600
cggatgatgg atttacagag aggttggtgt ggatgtagcc ggggctgatg acggtcacct 660
caatttcata ctgttccatc tcggcacgca gacagtcaaa gaaagcctgg gttgcgtgct 720
tggaggctgc atatgctgat cgaaaaggaa tgctcatctt gccctggatg ctgctgatgg 780
cgacaatgtg gccttgcctc ctcttgatca tggagggcag gagtgccttc gtttagagcaa 840
ctggggccaaa gtagtttgc tccatgacct tcttgtccac atccactgtg gtgtccatga 900
tggtagcacg gtagctgagc ccagcattgt tgacaagtat gtcgacatag ccaaagcact 960
gcaggatctc agctgctgct gcaactatgg cccagagtc tgtgaggtcg aaggcacca 1020
agtaaggctt gtgtgtctgc accttggtgg catgagaagc ggtgagttct ctgatgagct 1080
cttctagggc cccaccattc cggccacaga gcaccagttt agcaccgcga gcatagaaga 1140
cttttgcaca ttctttgccc agccctgagg tggcgctgt gatcaccacc acagcattcc 1200
gcaggtaggc cttcccgcgc acccactgca gcagccgga gaggccgaag acgcccaggc 1260
agccgaacag caggggcagg atggctgtgg aggtgatgaa gtccatggcc ttcacctcg 1320
gcagactctt cctggtagcc ggagagacca tagtcaatca acttcatcct cccgcctcgc 1380
ggacgcgtgg gcgaccacg cgtccg 1406

```

<210> 7022

<211> 2575

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (649)...(881)

<223> similar to gi609360 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7022

```

acatttcata taagtgaact catacagtat gtgattcttt gtgtctggct tctttcactt 60
agcataagtt tccaaggctc atccacattg tagcatgtgt cagaatttta ttctttttt 120
attgctgaga gtttgtattt ttccaataaa attattttat cttttccttt tttttccttc 180
ttcagaatcc caaaattctt ctcttagatg aagcaaccag gtgaggatat cttaataata 240
tatgccattg tgtgtattaa accaaattct tctttcacca aaacactttt aattctgtac 300
ctcaaagtga tacaactgaa aatccttttt ccccccttta ctctaaagtg aaggaagctg 360
aattaataat gacagttgaa aaccagtggt ctagttgag agttctaggt 420
ccacttcaga catggttgcc atcaatccta atcactctgt aagctgtaac tgtgcagaat 480
gcttttctcc ttacatcaca gtatagtttt atggagatca gaaagtccta aacagttgaa 540
attttgatca tggtaaaaaa tcattgctca ggaagggtcg ctgtgtgtat caggaagcac 600
atgggtgtca ctgacgtctt tgctttcttg tgtgtgtgct cctgtgtcag tgcgctggat 660
gccgaaaatg agtaccttgt tcaagaagct ctagatcgac tgatggatgg aagaacggtg 720
ttagttattg cccatcgtct gtccaccatt aagaatgcta atatggttgc tgttcttgac 780
caaggaaaaa ttactgaata tggaaaacat gaagagctgc tttcaaaacc aaatgggata 840
tacagaaaaa taatgaacaa acaaagtttt atttcagcat aaggaagcaa ttactggtaa 900

```

acaatatgag	actttaatgc	aaaacagtgt	tgcagaaaaa	aaactcagag	actatgaaat	960
acataaacca	tatatcaagt	tatttgaaaa	atacctat	ttttccaaag	tgtgtaaaag	1020
attgttttga	aacgtacctg	ttctcaagat	ctttttattc	agagttttta	taattgtaac	1080
tttttaaatg	tctatagcac	tgaagttatt	ttcagggtttt	gtattttcctt	ttcttggtga	1140
atattttaat	taatatagca	tggcacctca	ttttcttttg	cctgctgtta	aagattgaag	1200
ctattgtcaa	atgacaactt	taaaaaggca	attataaata	aaaagcctga	ttatttttagg	1260
ccagtttacc	aatcactggg	taattcttct	ggtagtattc	tacctacttt	taagtctaata	1320
tttacagata	gaataatgga	aattgaaaaa	ttaacccttt	attccgataa	tctcatgaag	1380
caaacctaac	tatttaacat	cagctggaaa	gaagggaaca	tttatattgc	ccatctcctg	1440
tgtcttcaaa	ggtgtgagag	ctgaggaata	tgtgttccta	tgggaactat	gtttgaatat	1500
gtgcagtttt	caacattttg	gcacatgaaa	gcctgacaag	tttttaaaag	ggcagaagct	1560
ttattttttg	aacaggaaaa	catgtttttt	aaattcacat	gtttgtatga	gtacttttgc	1620
gaagcaaggc	atgaactgct	aggattattt	aagaatgaat	gatttttgca	tttaagttgt	1680
ttgaaggcat	gtattttgaa	aaatatctgt	tacaaattta	taatttcaag	acaaattgaa	1740
tcttatttta	taatactttt	ggaatttcat	taataaggct	aaaatttgag	gaatataact	1800
aattttcagc	cttaagacat	ttaagtttgg	aagtccttgc	tattcaacag	aataacaaga	1860
aaacttcaga	atgtatcact	ctcctgaaaa	gaagatatta	ataagccctt	ttatttatgg	1920
ttatagtttt	atttatagtc	tcaaaattcc	taaagcaatg	ctacaacat	tgaatttgcc	1980
atattttgta	tcagtgtctg	taatttgctg	ttgcctcaag	aaaaagtgtc	ttttctccat	2040
ggatgaggcc	tagaccctaa	gaagtaatta	agtcaatgta	aatcaaattg	gaagttttcc	2100
catgaactaa	gcatttatta	gttccttgat	tagactggaa	gaagaaacca	ctatttcatg	2160
aaaagcatgg	aatattatat	tttattgttc	ataattaatg	aataaaattg	atatgaatga	2220
atatagtgtt	ctttgaatta	gtaaacagta	catctgtgac	aatcattttt	aacaagctct	2280
acttggtgtc	tttataaagt	gtgattttca	gaaagcaaac	aacacaatta	caagggtgaa	2340
tctgaggaaa	ataatccttg	tgccatagaa	gtattttacga	aattgcattt	cattgttatg	2400
ttttattttt	tgatacatga	tgttcaattt	tatcttttagg	taatatatta	tatcatagat	2460
taaaatttat	agtgaacttt	caaaaaaaaa	aaaaagagga	cggggccgaa	atttccaaat	2520
ttttaaatgg	aaaatccgga	aaaccccgga	aggtccattt	aaattgggat	tggcg	2575

<210> 7023

<211> 2646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(2171)

<223> similar to gi3702453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7023

gtgtggcgcg	gggctggtag	cggccggagc	cgtgctagtt	ctctaccctg	cttcgcgagc	60
gggcgagaga	acgcgagtcc	caggatcccc	ggcaccaggt	tctcttccac	tgcattcccc	120
cggcgcggtg	gggaccgagg	tggacatgga	tccgcagagg	tccccctat	tggaaagtaa	180
ggggaacata	gaactgaaga	gacctctgat	taaggcccc	tcccagctgc	ctctctcagg	240
aagcagactc	aagaggaggc	ctgaccagat	ggaagatggc	ctggagcctg	agaagaaacg	300
gacaagaggc	ctgggtgcaa	cgacccaaat	taccacatcc	cacccaagag	ttccatccct	360
cactacagtg	ccacagacac	aaggccagac	cacagctcaa	aaagtttcca	agaagacagg	420
acccgggtgt	tccacagcta	ttgccacagg	gttgaagaac	cagaagccag	ttcctgctgt	480
tctgtccag	aagtctggca	catcaggtgt	tcctcccatg	gcaggaggga	agaaacccag	540

caaacgtcca	gcctgggact	taaaggggtca	gttatgtgac	ctaaatgcag	aactaaaacg	600
gtgccgtgag	aggactcaaa	cgttggacca	agagaaccag	cagcttcagg	accagctcag	660
agatgccag	cagcaggtca	aggccctggg	gacagagcgc	acaacactgg	aggggcattt	720
agccaaggta	caggcccagg	ctgagcaggg	ccaacaggag	ctgaagaact	tgcgtgcttg	780
tgtcctggag	ctggaagagc	ggctgagcac	gcaggagggc	ttggtgcaag	agcttcagaa	840
aaaacaggtg	gaattgcagg	aagaacggag	gggactgatg	tcccaactag	aggagaagga	900
gaggaggctg	cagacatcag	aagcagccct	gtcaagcagc	caagcagagg	tggcatctct	960
gcggcaggag	actgtggccc	aggcagcctt	actgactgag	cggaagaac	gtcttcattg	1020
gctagaaatg	gagcgccggc	gactgcacaa	ccagctgcag	gaactcaagg	gcaacatccg	1080
tgtattctgc	cgggtccgcc	ctgtcctgcc	gggggagccc	actccacccc	ctggcctcct	1140
cctgtttccc	tctggccctg	gtgggcccct	tgatcctcca	acccgcctta	gcctctcccg	1200
gtctgacgag	cggcgtggga	ccctgagtg	ggcaccagct	cccccaactc	gccatgattt	1260
ttcctttgac	cgggtattcc	caccaggaag	tggacaggat	gaagtgtttg	aagagattgc	1320
catgcttgtc	cagtcagccc	tggatggcta	tccagtatgc	atctttgcct	atggccagac	1380
aggcagtggc	aagaccttca	caatggagg	tgggcctggg	ggagaccccc	agttggagg	1440
gctgatccct	cgggcccctg	ggcacctctt	ctctgtggct	caggagctga	gtggtcagg	1500
ctggacctac	agctttgtag	caagctacgt	agagatctac	aatgagactg	tccgggacct	1560
gctggccact	ggaacccgga	agggtcaagg	gggcgagtg	gagattcgcc	gtgcagggcc	1620
agggagttag	gagctcactg	tcaccaatgc	tcgatatgtc	cctgtctcct	gtgagaaaga	1680
agtggacgcc	ctgcttcac	tggcccgcca	gaatcgggct	gtggcccgca	cagcccagaa	1740
tgaacgggtca	tcacgcagcc	acagtgtatt	ccagctacag	atttctgggg	agcactccag	1800
ccgaggcctg	cagtgtgggg	ccccctcag	tcttgtggac	ctggccggga	gtgagcgact	1860
tgaccccggc	ttagccctcg	gccccgggga	gcgggaacgc	cttcgggaaa	cacaggccat	1920
taacagcagc	ctgtccacgc	tggggctggt	tatcatggcc	ctgagcaaca	aggagtccca	1980
cgtgccttac	cggaacagca	aactgacct	cctgctgcag	aactctctgg	gtggtagtgc	2040
taagatgctc	atgtttgtga	acatttctcc	actggaagag	aacgtctccg	agtcctcaa	2100
ctctctacgc	tttgccctcca	agggtgaacc	cagtgtgtta	ttcggtaactg	ctcagtccaa	2160
caggaagtgg	aagacggatc	cagatctctg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	2220
tgtgtgtgtg	tgtgtgtgtg	tccttatgtc	tatgtatcgg	gtgaggggtg	ggaggggtgc	2280
tggaggggtg	tttattgggt	ggagggcacc	atgtcccagg	gctatcaa	aaagaatagt	2340
ttgggttttt	ttttaataaa	aggttttatt	agcatttgcc	caagaaggca	gatactttca	2400
tatctgtaaa	agtgggagct	gtgatctgta	ccctctgcca	aacgtttacg	tgggaggcgg	2460
gagcgggggc	tgagggttc	gtcttttctc	ccctctgcta	tcaccgggtc	tggaccttg	2520
cctggatcat	cttccccctc	gctaataccc	cctaccccg	ccgtcacatc	agggaggtgt	2580
gccctctagc	tatccacgcc	ccctccttgg	tcactagtta	taggtaactt	tcacccttcc	2640
gccggc						2646

<210> 7024

<211> 1857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(1483)

<223> similar to gi219571 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7024

gagaaggctt caatggattc tcttgtgggc cttgtgctct gtctctcatg tttgcttctc 60

```

ctttcactct ggagacagag ctctgggaga ggaaaactcc ctctggccc cactcctctc 120
ccagtgattg gaaatatcct acagatagggt attaaggaca tcagcaaadc cttaaccaat 180
ctctcaaagg tctatggccc tgtgttccact ctgtattttg gcctgaaacc catagtgggtg 240
ctgcatggat atgaagcagt gaagggaagcc ctgattgatc ttggagagga gttttctgga 300
agaggcattt tcccactggc tgaaaagagct aacagaggat ttggaattgt tttcagcaat 360
ggaaaagaaat ggaaggagat ccggcgtttc tccctcatga cgctgcggaa ttttgggatg 420
gggaagagga gcattgagga ccgtgttcaa gaggaagccc gctgccttgt ggaggagttg 480
agaaaaacca aggcctcacc ctgtgatccc actttcatcc tgggctgtgc tccctgcaat 540
gtgatctgct ccattatttt ccataaacgt tttgattata aagatcagca atttcttaac 600
ttaatggaaa agttgaatga aaacatcaag attttgagca gccctggat ccagatctgc 660
aataattttt tctctatcat tgattacttc ccgggaactc acaacaaatt acttaaaaac 720
gttgctttta tgaaaagtta ttttttgaa aaagtaaaag aacaccaaga atcaatggac 780
atgaacaacc ctcaggactt tattgattgc ttcctgatga aaatggagaa ggaaaagcac 840
aaccaaccat ctgaattttac tattgaaagc ttggaaaaca ctgcagttga cttgtttgga 900
gctgggacag agacgacaag cacaaccctg agatatgctc tccctctcct gctgaagcac 960
ccagaggtca cagctaaagt ccaggaagag attgaacgtg tgattggcag aaaccggagc 1020
ccctgcatgc aagacaggag ccacatgccc tacacagatg ctgtgggtgca cgagggtccag 1080
agatacattg accttctccc caccagcctg ccccatgcag tgacctgtga cattaatctc 1140
agaaactatc tcattcccaa gggcacaacc atattaattt ccctgacttc tgtgctacat 1200
gacaacaaag aatttcccaa ccagagatg tttgacctc atcactttct ggatgaaggt 1260
ggcaatttta agaaaagtaa atacttcatg cctttctcag caggaaaacg gatttgtgtg 1320
ggagaagccc tggccggcat ggagctgttt ttattcctga cctccatttt acagaacttt 1380
aacctgaaat ctctgggtga cccaaagaac cttgacacca ctccagttgt caatggattt 1440
gcctctgtgc cgcccttcta ccagctgtgc ttcatcctg tctgaagaag agcagatggc 1500
ctggctgtg ctgtgcagtc cctgcagctc tctttcctct ggggcattat ccatctttca 1560
ctatctgtaa tgccttttct cacctgtcat ctacatttt cccttccctg aagatctagt 1620
gaacattcga cctccattac ggagagtttc ctatgtttca ctgtgcaaat atatctgcta 1680
ttctccatac tctgtaacag ttgcattgac tgtcacataa tgctcatact tatctaattg 1740
tgagttatta atatgttatt attaaataga gaaatatgat ttgtgtatta taattcaaag 1800
gcatttcttt tctgcatgtt ctaaataaaa agcattatta tttgctgaaa aaaaaaa 1857

```

<210> 7025

<211> 1218

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(951)

<223> similar to gi57912 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7025

```

gcacgagggg ctgtgggaat aagatggcgg ggaagaagaa tgttctgtcg tctctgcgag 60
tttacgcgga agattcagag ccgagctctg atggcgaggc tggaatcgag gcggtgggca 120
gcgcggctga ggagaaaggg ggattggtat ctgatgccta tggggaggat gacttttctc 180
gtctaggggg tgatgaagat ggttatgaag aagaagaaga tgagaacagt agacagtcgg 240
aagatgacga ttcagagact gaaaaacctg aggctgatga cccaaaggat aatacagaag 300
cagaaaagcg agacccccag gaactcgtgg cctccttttc tgaaaagagt cggaacatgt 360
cgctgatga aatcaagatc ccgccagaac cccctggcag atgttcaaat cacttgcaag 420

```


acaagatcca	gaagctttat	gaacgaaaga	taaaggaggg	aatggatatg	aactacatta	480
tccaaaggaa	gaaagaattt	cggaacccta	gcattctacga	gaagctgatc	cagttctgtg	540
ccattgacga	gcttggcacc	aactacccaa	aggatatgtt	tgatcccat	ggctggtctg	600
aggactccta	ctatgaggca	ttagccaagg	cccagaaaat	tgagatggac	aaattggaaa	660
aggccaaaaa	ggagcgaaca	aaaattgagt	ttgtgacggg	cacaaaaaaa	ggcaccacga	720
ccaacgccac	gtccaccacc	actaccactg	ccagcacagc	tggtgcagat	gctcagaaga	780
gaaagagcaa	gtgggattcg	gctatcccag	tgacaacgat	agcccagccc	accatcctca	840
ccaccacagc	caccctgcc	gctgttgtca	cggtcaccac	cagcgccagc	ggctccaaga	900
ccaccgtcat	ctctgctgtg	ggcaccattg	tgaagaaggc	caagcagtga	cctgaggggc	960
cacccttagg	gatttgaaag	gaccgtgcag	cccagtgacc	cactgccag	tgggagggcg	1020
cactttgtat	atttcaggac	tgggacctac	tccccaagat	gccacctgag	aggagcttct	1080
gtttggcatt	ccagatggaa	ggacaggcag	cacgggagcc	aggcgctgtg	gacagggtct	1140
gtccacgcac	cactcggggt	ctgcgccta	ttaaagtgc	cgtattctta	cctcttgga	1200
tctcagatgc	aaaaaaaa					1218

<210> 7026

<212> DNA

 $\langle 220 \rangle$ $\langle 222 \rangle \quad (76) \dots (510)$

<400> 7026

<210> 7027

<212> DNA

<220>
 <221> misc_feature
 <222> (209)...(1337)
 <223> similar to gi3702295 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7027

cgacgatttc	gtcagagaggc	gccgctggac	ccggacgacc	tgtctagtcc	gttcgccgcc	60
ccacgtccc	gtctgtggcc	acgcctgcag	ctggaatgga	ggctctctgg	accctttaa	120
aggcaccct	gccctcctga	ggtcagctga	gcggttaatg	cggaaggta	agaaactgcg	180
cctggacaag	gagaacaccg	gaagttggag	aagcttctcg	ctgaattccg	agggggctga	240
gaggatggcc	accaccggga	ccccaacggc	cgaccgaggc	gacgcagccg	ccacagatga	300
cccgccgcc	cgcttcagg	tgcagaagca	ctcgtgggac	gggctccgga	gcatcatcca	360
cggcagccgc	aagtactcgg	gcctcattgt	caacaaggcg	ccccacgact	tccagtttgt	420
gcagaagacg	gatgagtctg	ggccccactc	ccaccgcctc	tactacctgg	gtatgccata	480
tggcagccga	gagaactccc	tctctactc	tgagattccc	aagaagggtc	ggaaagaggc	540
tctgctgctc	ctgtcctgga	agcagatgct	ggatcatttc	caggccacgc	cccaccatgg	600
ggtctactct	cgggaggagg	agctgctgag	ggagcggaaa	cgctggggg	tcttcggcat	660
cacctcctac	gacttcocac	gcgagagtgg	cctcttctc	ttccaggcca	gcaacagcct	720
cttccactgc	cgcgacggcg	gcaagaacgg	cttcatggtg	agccctggcc	ctggctgtgt	780
gtcccctatg	aaaccgctgg	aaatcaagac	ccagtgtctc	gggccccgga	tggaccccaa	840
aatctgccct	gccgaccctg	ccttcttctc	cttcatcaat	aacagcgacc	tgtgggtggc	900
caacatcgag	acaggcgagg	agcggcggtc	gaccttctgc	caccaagggt	tatccaatgt	960
cctggatgac	cccaagtctg	cggggtgtgg	caccttcgtc	atacaggaag	agttcgaccg	1020
cttcaactgg	tactggtggt	gccccacagc	ctcctgggaa	ggttcagagg	gcctcaagac	1080
gctgcgaatc	ctgtatgagg	aagtcgatga	gtccgaggtg	gaggtcattc	acgtcccctc	1140
tctgcgcta	gaagaaagga	agacggactc	gtatcgggtac	cccaggacag	gcagcaagaa	1200
tcccaagatt	gccttgaaac	tggctgagtt	ccagactgac	agccagggca	agatcgtctc	1260
gaccacaggag	aaggagctgg	tgcagccctt	cagctcgctg	ttcccgaagg	tggagtacat	1320
cgccaggggc	gggtggaccc	gggatggcaa	atacgccctg	gccatgttcc	tggaccggcc	1380
ccagcagtgg	ctccagctcg	tctcctccc	cccgccctg	ttcatcccga	gcacagagaa	1440
tgaggagcag	gcggctagcc	tctgccagag	ctgtccccag	gaatgtccag	ccgtatgtgg	1500
tgtacagagga	ggtcaccaac	gtctggatca	atgttcatga	catcttctat	cccttcccc	1560
aatcagaggg	agaggacgag	ctctgctttc	tccgcgccaa	tgaatgcaag	accggcttct	1620
gccatttgta	caaagtcacc	gcggttttaa	aatcccaggg	ctacgattgg	agtgagccct	1680
tcagccccgg	ggaagggtgag	cagagcctga	cgaatgctgt	cgactcatcg	cgttagtcac	1740
gtgtggttca	atatgctgtt	tgttcattgg	tgggcccccc	cactcagcca	gcacaccctg	1800
cgggagaagg	aacagggatc	ggcaggaagc	cagccttccc	cagtgactgc	atgatctggc	1860
agggcttaga	gcacccaact	gttggcttat	tcaggcagca	gattttactga	gcacctcccc	1920
tgtgccaggc	ccttagcaca	accaggggtt	ggccacctac	ggccccacagg	tcaaataccg	1980
cccaccacct	gtgttcataa	ataaagtttt	attggcactg	agccccaaaa	aaaa	2034

<210> 7028
 <211> 6641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

2025

2025

2025

2025

gccatcccc	agattgcact	aaataaagag	acctaaacat	ctcctacctg	tgaatcctga	3000
caagtggccc	tggccctatg	caaagctttc	ccagcaccgg	gctgggctct	ggatacacct	3060
gtgggtgtcc	aaccaagcc	aagccctttg	gtggcttcag	actttcagge	taggggttttt	3120
caaaaagcccc	catgtctttt	gggactgaac	cccctatgga	aggccggata	attggctgct	3180
ggggtcaccc	caagtacaaa	aggacgggct	ctgcactaag	gaccaaggtc	tggccaggca	3240
cttggaagc	ttttctcatg	aaaaatgaaa	acctggggcc	ttggggccctg	ccaatctgtc	3300
acctcacagg	ccactataca	agcatcctga	tctcagaaat	gagaaaaccga	gctctggatt	3360
cctgggttat	ggtcagctgt	gtctgtgcca	tgtgtgtctg	gccagcagaa	tacaggggct	3420
cagggctgct	cttctctggg	cttggggaag	aaattctgca	cttctttcct	gaatatgatt	3480
tgcagtcaga	tactgcataa	actacaacgt	actcctttcc	atgaaactat	gccaagtgc	3540
aagccatcct	ctgaggtcgt	acctatgctg	caggctggaa	cctcctaaaa	ctgctttcta	3600
gtgctgacat	tagacacatg	cgaggaacat	gcaagtctca	actcaggttc	tgcccttttt	3660
gggtgtctgag	ggagcaggac	caggactcct	cccttggggt	tccccacggg	tgcgcagggc	3720
ttagaagatg	ctttcatcac	acatctgctg	caagaatgtg	cagctctatc	ccccctctg	3780
acccccacct	aagagagcag	ctgaggactg	ggtgctcctg	agggggcttt	gaggagtgc	3840
aagcgacaca	aagctctcac	aagtgtcctg	ctgatgcaac	gccccatggc	gcctcggcta	3900
gactcctacc	ctctgtgcat	tagtcacgtt	aagattgacc	tagcaccgcc	gtcccgctgc	3960
tgtcgggtta	gttgaggtga	agcagatgtt	agctgcagcg	tgcggcgccc	cacagcccct	4020
aatcacagta	aatgctgtgc	ttctcgctgc	agaacacctg	gttggccagc	ccggtgccct	4080
cggccctgtc	gctggcacag	gcacaggtgt	gacttacgct	cggtgtggct	ggcttggct	4140
tcggggcggc	tttggcacgg	ccacgcccgg	tctgtctcatg	gtccagctcg	agcagctcca	4200
gccgctgggt	cagcgccagc	ttctgtctgga	tggccatgcg	cagcagcgag	ttcagcgtct	4260
tcttctcgtc	ctcagcagcc	gccagctgcc	gctgcattctc	atccagctgt	gtaatgtact	4320
cgtcacacct	ggtggcaaac	atagcacgca	gcgaggagaa	ggtggctgcg	tcctccttga	4380
gggccttgag	ctcattgcmc	agcttcatca	tggctctcgg	aacctatggc	ttctcattct	4440
catacttgct	cttcaggttg	gcaagggcc	cctcgccgct	ctgcttgttg	gccttgagca	4500
cagtgcgcag	cgtggtgatc	tgtcccgcct	tgggtgtgag	cagcgacttc	agcttgagga	4560
tctcctccat	aagcgcttcc	ttgtccttgt	ccacggcggg	gccagctcc	tgagaggcaa	4620
tgcgctggcg	tgacagctcc	gtgggtgcgg	ccacggctgc	ctgcaggtgc	ttgatctgg	4680
cacggatgat	agcgatcagg	ttgtagatgt	tcatgggctc	ccggcgtggg	tactcaggg	4740
gtgatggcag	tgaggagcca	ggcgaggggc	tgtgtccccc	cgccccacca	tctgtctggc	4800
ccgcctcagg	agccagcagc	cccttgggta	ggaggatggg	tgagcgccgg	ccacgcgcct	4860
cggggctggt	gcggccccc	ggactggtgc	ggccggcccc	gccctggccc	tcgcggtagt	4920
agtccagcat	gacacggttg	ggtgtctcat	tgttgacac	gcacacgtgg	tggtagagat	4980
tggccagctc	ctcactgaag	gtcaccagct	catcctgggc	cacactcagg	ctgccctgtg	5040
tctcgccggc	gacgtcgctc	accttcttta	gctccttctc	cagccgggcc	agcagctcgc	5100
ggtcctggcg	gctggccttc	tctagcaggg	agaccttctc	cgtgagtgc	tggccctcag	5160
cctcatagcg	gcccttctcc	tcggcgtgct	gggcctcacg	agcctcgtgc	gtgctgcgca	5220
gtgccttgag	ctgctcgcg	agctcgccag	cctcagccac	agccacatgg	tacttgacag	5280
ccaagatctc	aggcccggtg	atgtccacct	cgtagtagtc	cccatcctca	tggctgtcac	5340
ggtcctttctc	gttgtccagg	gctgtctgcc	gctccttgct	ggcctgcagg	cgccgcaggg	5400
cactcagatt	ctctgtgagg	cgggtcacct	tctcctgctg	ttctgacagg	gagccccgcg	5460
tgtgctccag	ctgcttctgt	gtgtcctgca	gcgttgccag	caggcccgc	ttttcccgt	5520
ccatctgcat	cagctgctgc	ttcagcttct	ggatctcaga	gatgttgagc	tactgagta	5580
ggtcggagac	gaggctgggg	gagggcgggtg	cgaggccctc	cttcttgggc	gtggaggtct	5640
tgttgctccag	tggcagcttg	gccaggccgc	cgtgctcaaa	gccattgacc	agggcctcgg	5700
catcgttggt	gggctcggca	gcacgtcac	tgaacttagg	gccatccagc	gagacatgca	5760
ggtggctgggt	gtagaaggag	tcattgatgc	tcatgtagt	tgacagctcc	ttgcgcaggc	5820
tgttcttctg	ttcgcgctcc	gtcttcaggg	tctccagcgc	ctcctccagc	tgcgctctg	5880
agatctcctt	gaggcggtatg	gcacctcca	gctggctggt	gagggtactcg	gtctcctcct	5940
ccagacgctt	gatctcatgc	ttgaggccct	caaactccac	ctggttctgt	ctgagcacag	6000
acacttgctt	ctgcaggctg	atgttctcct	cctccagttc	cgagtagtcc	tgcagcagac	6060
gagcttccc	gaatttgtac	tccttgatgt	catcccgcag	gcggccacgc	tggatctcca	6120
cattctgggt	gatctccttc	agctcctggg	ccacagaggc	caggcgtca	ttctccgact	6180
gcgtgttggt	gaggacattg	cgcaactgct	tcagctccgt	ctgcagctct	agcaccttcc	6240
gcacgtagta	ctgctccttg	gaggccgact	cctggatcag	gctctcctcc	cggctctctc	6300
cgtcagcagc	caccttcttg	tgggttgtgt	gtgcttgtcc	aaaggcctcc	ttgagctgct	6360

ccatctcgct	gcgcatagcc	tcatagtcca	cctcgagctc	ctcgaactgc	agcttgagct	6420
ggtgcttctc	ctcgagcacc	gccagcccg	actcggccgc	ctggatcttc	tcacgcgtgg	6480
tctcgccag	ctcgtgggac	agccgcttca	cctcgccgcg	cagccactcc	ggctgcgcct	6540
ccatcaccag	ccgcgcgtac	tctctctct	ccgacggcgc	cgacatgggtg	gccgagggct	6600
gagccggctc	ccactgaggc	tctcgcaggc	cgggcacgaa	a		6641

```

<210> 7029
<211> 1952
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (463)...(1263)
<223> similar to gi4884300 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7029						
caagagttcg	gcgcgagggg	ctgggtccct	ctagccggcg	ccgctcctcc	tcttggcagg	60
ccggccgcgg	agtcagctga	cgccggcgct	ccagcctcgc	ctccccgcgc	cgcgctctgc	120
gctccgcgaa	agtggctgca	agccggccgc	ccactgtcag	ggttgggggg	acagagaaaag	180
tgatgtgcgc	cttctaaagc	ctcgcccagc	gcccgcgaag	cagcttcacc	tctccaactt	240
tctcccaccg	actgcttgtc	ttgaccctgc	cctccaccct	ccccagagcc	acttcgggtg	300
cgcgctcttg	ggtaaagggg	gggtcacccg	ctgtctggga	tggcttccaa	ttttaatgac	360
atagtgaagc	aagggtacgt	gaggatccgg	agcagacgcc	tcgggattta	tcagcgatgc	420
tggttagtat	tcaagaaagc	ttcaagcaaa	ggtccaaaaa	gactggagaa	atcttctgat	480
gaacgtgctg	catatttcag	gtgttatcat	aaggttacag	aactcaataa	tgtgaagaac	540
gtagctcgat	tgccaaaaag	caccaagaaa	catgccatag	ggattttatt	caatgacgat	600
acctccaaga	cttttgcttg	cgaatcagat	cttgaggctg	atgagtgggtg	caaagtactc	660
cagatggagt	gtgtaggaac	acggatcaat	gacatcagcc	ttggagagcc	tgacttactg	720
gccactgggg	ttgagagaga	acagagttag	agattcaatg	tgtatttgat	gccatctcct	780
aacttaggat	gttacatggg	cgaatgtgcc	ttgcagatta	catatgagta	tatctgtctt	840
tgggacgtcc	agaatcccag	agtcaaactc	atctcttggc	cgctaagcgc	cctgcggcgg	900
tatggacgtg	atactacgtg	gttcactttt	gaggcagggg	ggatgtgtga	gactggtgaa	960
gggctgttta	tctttcagac	ccgagacggg	gaggccatct	atcagaaaag	ccactctgct	1020
gccttggcca	tagccgagca	gcacgagcgc	ttgtacaga	gtgtgaaaaa	ctcgatgctc	1080
cagatgaaga	tgagttagcg	ggccgcctcg	ctgagcacca	tgggtgcccct	gcctcgcagc	1140
gcctactggc	agcacatcac	acggcagcac	agcacgggac	agctctaccg	cttgcaagat	1200
gtttccagcc	ctctgaagct	tcacgaaca	gagacttttc	cagcctacag	atctgagcac	1260
tgacagtaac	tgccaagaat	tgttaacaca	cttgtgatgt	gtcagccaca	gattcaccca	1320
ggaggtcaca	gaatgacagc	aagggaatg	acgaccaaga	gaagaagctt	aaagtccctg	1380
ctaatttgtg	ggtcattgga	aaactctgca	atacaataat	tttctttatt	ttcttttct	1440
tttttaaatt	cttagtgtaa	ttgaaacgtg	ctctatagat	attgactctg	tgttccctct	1500
tttacagctg	gacagaaaga	agtcaatgtc	acgaaatgat	tttctattgt	agatactttg	1560
tcccttgcac	ttctctgaat	ctgtcctttt	gtggattctt	gtgattttcc	ttccaagtgt	1620
ttcagttgta	tgacagtcag	tattgacaat	aaaatggctt	ttaattattt	gttattttgt	1680
tacaccctat	tctcagttta	ttattactgt	ggttctgatt	aactactgga	aattatatatt	1740
gattatatca	ccaattagtt	aaatcagggc	ttcgactcac	tcttatctgt	tctgttcaaa	1800
actattttgt	caaagaacct	gttagttgtt	tacagagtta	cagtttctct	cacatgcttt	1860
cctcaccccc	ttaccccgtc	ttttgaaagc	ctttattttg	ttcgaggtct	cttcataaaa	1920

catttgaaaa taaaagatca ttcttcaccc at

1952

<210> 7030
<211> 1216
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (119)...(846)
<223> similar to gi4680697 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7030
ccgggctgcc ctcagcgctg cctgattgca tttgcggcct cgctgccgca tcccaggcta 60
agcgctgcgc gcaaagccgt gcggagattg gaggcgcgc ggggccctgg tctgggccat 120
gtctggctgt gatgctcggg agggagactg ttgttcccgg agatgcggcg cgcaggacaa 180
ggagcatcca agatacctga tcccagaact ttgcaaacag ttttaccatt taggctgggt 240
cactgggact ggaggaggaa ttagcttgaa gcatggcgat gaaatctaca ttgctccttc 300
aggagtgcaa aaggaacgaa ttcagcctga agacatgttt gtttgtgata taaatgaaaa 360
ggacataagt ggaccttcgc catcgaagaa gctaaaaaaaa agccagtgtg ctccctctttt 420
catgaatgct tacacaatga gaggagcagg tgcagtgatt catacccact cttaaagctgc 480
tgtgatggcc acacttctct ttccaggacg ggagtttaaa attacacatc aagagatgat 540
aaaaggaata aagaaatgta cttccggagg gtattataga tatgatgata tgttagtggg 600
accattattt gagaatacac ctgaggagaa agacctcaaa gatagaatgg ctcattgcaat 660
gaatgaatac ccagactcct gtgcagtact ggtcagacgt catggagtat atgtgtgggg 720
ggaaacatgg gagaaggcca aaaccatgtg tgagtgttat gactatttat ttgatattgc 780
cgtatcaatg aagaaagtag gacttgatcc ttcacagctc ccagttggag aaaatggaat 840
tgtctaagcc aaaagaaagt ctaattatat acagagataa agctaaacgt aattattatt 900
taaataagaa ctattttttt aaatgaattg aaatttttca tgatgctact aatttgccac 960
taaatactgc aaatggtcac cctgaatctc ttctgacatt ggatgttatt tgcttatatt 1020
cttataattt taaatgaggg cacagtgaat tgaaaatttt atactctatg tttctgttta 1080
tttttaaata cttaacagca aaatattttg ctttaatttc ttttttatat atactctcag 1140
agaattcctc ttaattttta aagatgctgg tgataataaa attcattaga aaatttcctc 1200
attgtgaaaa aaaaaa 1216

<210> 7031
<211> 2752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (195)...(2098)
<223> similar to gi5353573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7031

tttcgtctct	ggtgaataga	cggctgtggg	gcagagaagt	gtgaaggcct	ggctgccggg	60
caggtgaact	ctccacggg	tctagggccc	gcgaaagggt	tcggaaccga	gtcagcgcg	120
cttgccggca	ggattcacgc	cgtgtgacc	cggaggctct	cagggggcga	agccccggcc	180
taggcctcgc	ggagatgccc	agctgcggtg	cttgacttg	cggcgcgcg	gccgtccggc	240
tcatcacctc	ctcactcgcc	tccgcgcaga	gaggtatttc	tggtggctgc	attcatatgt	300
cagttttagg	aaggcttggg	acatttgaaa	ctcagattct	gcaaagagct	cctcttagat	360
cctttacaga	aacaccagca	tactttgcct	caaaagatgg	gataagtaaa	gatggttctg	420
gagatggaaa	taagaaatca	gcaagtgagg	gaagtagtaa	gaaatcaggc	tctgggaatt	480
ctgggaaagg	tggaaaccag	ctgcgctgtc	ctaaatgtgg	cgacttgtgc	acacatgtag	540
agacctttgt	atcatccacc	cgttttgtca	agtgtgaaaa	gtgtcatcat	ttttttgttg	600
tgtatctga	agcagactca	aagaaaagca	taattaaaga	acccgaatca	gcagcagaag	660
ctgtaaaatt	ggcattccaa	cagaaaccac	cacctcccc	taagaagatt	tataactacc	720
tcgacaagta	tgttgtttgg	cagtcatttg	ctaagaagg	gctttcagtt	gctgtgtaca	780
atcattataa	gagaatatat	aataatatcc	cagctaattc	gagacagcaa	gcagaggttg	840
agaagcagac	atcattaaca	ccaagagagt	tagaaataag	aagacgggag	gatgagtaca	900
gatttacaaa	attgcttcag	attgctggaa	ttagccaca	tggtaatgct	ttaggagcat	960
caatgcagca	acaggtaaat	caacaaatac	ctcaggaaaa	acgaggagg	gaagtattgg	1020
attcttctca	tgatgacata	aaacttgaaa	aaagtaatat	tttgctgctt	ggaccaactg	1080
ggtcaggtaa	aactctgctg	gcacaaaccc	tagctaaatg	ccttgatgtc	ccttttgcta	1140
tctgtgactg	tacaactttg	actcaggctg	gatatgtagg	cgaagatatt	gaatctgtga	1200
ttgcaaaact	actccaagat	gccaaattata	atgtggaaaa	agcacaacaa	ggaattgtct	1260
ttctggatga	agtagataag	attggcagtg	tgccaggcat	tcatcaatta	cgggatgtag	1320
gtggagaagg	cgttcagcaa	ggcttattaa	aactactaga	aggcacaata	gtcaatgttc	1380
cagaaaagaa	ttcccgaag	ctccgtggag	aaacagttca	agttgatata	acaaacatcc	1440
tgtttgtggc	atctggtgct	ttcaatgggt	tagacagaat	catcagcagg	aggaaaaatg	1500
aaaagtatct	tggatttggg	acaccatcta	atctgggaaa	aggcagaagg	gctgcagctg	1560
ctgcagacct	tgctaatcga	agtggggaat	cgaataactca	ccaagacatt	gaagaaaaag	1620
atcggttatt	gcgtcatgtg	gaagccagag	atctgattga	gtttggcatg	attcctgagt	1680
ttgtgggacg	gttgccctgtg	gtgggttccat	tgcatagcct	agatgagaaa	acacttgtac	1740
aaatattaac	tgagccacga	aatgctgtta	ttcctcagta	ccaggccctta	ttcagcatgg	1800
ataagtgtga	actgaatgtt	actgaggatg	ctttgaaagc	tatagccaga	ttggcactag	1860
aacgaaaaac	aggtgcacga	ggccttcggg	ccataatgga	aaagctgtta	ctagaaccaa	1920
tgtttgaagt	ccctaattct	gatatcgtat	gtgtggagg	tgacaaagaa	gtagtagaag	1980
gaaaaaagga	accaggatac	atccgggctc	caacaaaaga	atcctctgaa	gaggagtatg	2040
actctggagt	tgaagaagaa	ggatggcccc	gccaagcaga	tgctgcaaac	agctaaactg	2100
tcatattgct	gtcttgtata	tacagctttt	ccttcttttg	tttaggatca	taattgtctc	2160
tacagtctga	tattaaaggc	attggatcta	tcttgatat	catacatgg	cagagaagcc	2220
tttaggagaa	gaatcagatc	atgtatataa	ttgtaacatc	acattgattt	tacggaagat	2280
gttatatgga	ctttaatgac	acaatgttta	gagataaaat	gtacattatt	ttggttcagt	2340
ttttttaaaa	aaatatgctt	taacaaaatt	cttaggaatt	cttttaagca	atgcaggat	2400
tgcgataact	gtagatttta	caataatgtt	actctacaaa	tgggaaaata	aattctttta	2460
aattgaatat	tgagatacca	ttcttttagt	ttaccttttt	taccacatg	tgtttctgaa	2520
aatatttgaa	ttttattcat	cttaaaaatt	ggaccaggta	ggccgggctg	ggtggctcgc	2580
gcctgtaatc	ccagcacttt	ggggggccga	ggcggttgga	tcacgaggtc	aggagtcca	2640
gaccagcctg	gccaagatgg	tgaaccccca	tctctactaa	aaatatgaaa	aattagctgg	2700
gtgccgtggc	gggtgcctgt	aatcccgct	gcttgggagg	ctgaggcagg	ag	2752

<210> 7032

<211> 1493
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1392)...(160)
 <223> similar to gi5410292 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7032
 tttttttttt ttgaatgaaa accatgaatt taatgtgaca ttgggggagc ctcatccttc 60
 cctttttacc accaccccat ccagcctgtt gtgagttggg tgagggctgc cccagctctc 120
 cgtcctgcgg ctctgggtgc catcctgttc ctttgagctc agtcagcctc ctgggctcgt 180
 ctctctgtga atctccttct tgcgtattca tatagtgtt gcttgcgctc ctgcaggctc 240
 tcttgccggg cccaggaaga cttggcaaat gttagggctg ttggctgagg ggtcaccggg 300
 ccagagctgg gaaacttgga ggcagaggct gtgggtaggg actgagttcc cttggtgatg 360
 tcttcaggca tgaaagctac ggccccctca agcagattag tgatagtcaa gtctacacag 420
 ccagtcttgg ccaggtctct ctggatgaca cccaatggca catggggcaa aacttccttg 480
 actctctgag ccagagttgc cagttgcaca tcaggagaag gaccagggga gggagggaaa 540
 gaagactggg ctgactgggg gcgcaatctg ggggtgtctt gtcgcttcat gtgctctgct 600
 ttgtcagctg gagtgcgagg tgctccctgtc tggcccaatt ccttggccac cagctgttgt 660
 acacggagtg caaactcctc attcgcttcc cctagttggc gatgaacagg acgaagccac 720
 cttacttgat acaccgtgaa agggacgaaa agtgaccaca gcagttctga gaccaggag 780
 gcatctgaca ccgtcacaga gaccaggggt ctctgaactt gcagggtgaa aggttgtagc 840
 acatcttgga tagaaaatgg ccaggaactg aagcgcagga gcccctcccg gccattggtg 900
 gcctcttccct caggggaatag cagcagagga gtggggggaa gcctcgtgga agcacagaat 960
 ctcttgagtg actccaccaa ctccccccgc ccattcatct ccataagacc ccgagaccag 1020
 cacacaaagc tgggggggact attgagtaga ggggtgtctc aggtggtaag caaattgact 1080
 atgttggtgt cgaaaggtgt cacatggttg gaaatgagga ccctgacact gtgatcccgg 1140
 agtccggagt cctcctgccc ggccacgagc cctagcaccg cacacatggt ccgcactacg 1200
 aatctgcgaa ggacgtgtc tggcagcgcg cagctgacca ggaagacgtg gatcccagga 1260
 aagaggcgca ggacgaggag gcagaacccg actggcgcggt agagcagcag cacgagcagt 1320
 aggaagcagt cccccggaag ccggtgcgag tcaaagagcc gctccggccc cggccctgag 1380
 ggaagctcca taactgtctc ttcaggagcg cccggccgct gccgcccggc ccattttcgc 1440
 gcccggccgc aggggctctt cggggggggg gggggattaa ttttaattaag gat 1493

<210> 7033
 <211> 4923
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (681)...(3354)
 <223> similar to gi4115769 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

caaagcactt cattatggct cctaaccag atgatatgga agaagatcct taatcactga 3360
gctaacctaa ataaggaagg atttcatttt atggactgat attttgctgt gtaacttggt 3420
cttcgtaaat tgtcatctgc agtgctgcaa agatatgaag aaatatgata acgaataagt 3480
gacaccagta ctgtagttca taatgagtag gtacaggcgg gaaactgaat aataagaagt 3540
cataatggaa tcaagggtgaa gctttttata aactttttta gcctaagcaa taactgggtt 3600
tgtatttttt cttaatcctt cactttaata caataggctc acttaatttg tcttcccatt 3660
tctctttata tatatatata tatataaaaa aatataaata tatgtttggt tgtttggttt 3720
tttaaggaaa aacaagtcaa gctagcatcc agttactata tagcttggct aaattatata 3780
agacttacaa gattgattac tgcacaggct tgtatttaag agataactgt gaggttacca 3840
ttatgtgatg ttactataag gacttttaac attggtttta caaacatag aggcattgaa 3900
gggtttttct tagatgccta gaaaaagcac actgggctgt tttacctttc ttttttaggt 3960
caatcaagac tccaaaatag tgattcctaa cttttttgga gttgctctgc tactctgaat 4020
atgttctata cagcataagg attgtcacct tctgtgtggt gcaacagctt ctaagataat 4080
tagggacaaa tgatgttaca aaaggaagag tactgtctgt ctaagtgtct agttgtatgt 4140
ctttgcatag ctccactctg ctgctaaata tgcattgttct gactgacacc atcttgatgc 4200
cagtactgga ttccagcatt cagcagggtc agatctcggc tttacacaaat ttatctttac 4260
ctagggttca gtcagtaatt tctgcttttt agcagggccca gtgcagggtc agttaatgct 4320
acagttactg tatagcaaac agtatccttt tttctccttc ccctagccta ttgggctttg 4380
cagatatctg gagtggttta aagtcaatta ttttaagcag tttgagggga tgtgtaggag 4440
tgagagcatg aacagtttat aaggctgggg ctgtattatc agcacagcaa attaaagaat 4500
gaaagaagta cttcttttta catttcagct ccagcagcca gctattttaa aaataatttt 4560
aaatatcttc cccaaagttt aagatgtggg accatctact tgtaagaaac agtggcttat 4620
ttcttcattt ctcagtaatc attgtaaaacc tttttttttt tcttctccac tctaacaaaa 4680
gtaaaagaac aaaacttttg ctgagggtctt ggactccact acttggttagt tatgttggcc 4740
tgacagatg gcagggtctgt cggcagttcc tcagtctgta aaatgaagat tatcattctt 4800
gcctctccct ttgtcacagt gttgtcgtga agatcagata tgtatgaatg cagtcaaata 4860
aactaaaaac taggaaagtg ttaactatcg ttgccaccg aatttgaggt agcaaaaaaa 4920
aaa 4923

```

<210> 7034

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(295)

<223> similar to gil80871 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7034

```

cggaaattag aaaagattgt ttaacaataa tctggaatg gccttgaatt attttttcct 60
cattattttt ctcgattaac attctacaga atggtaagga atcgagacat tgctaaaaat 120
cttaaatgac tgaaggatc atagcatctt ctgtaaaaaa gaaaaaaact tcatattaat 180
ttcgattcaa aattttggtc ataaaaacaaa aagttgctct tgctttatac tttcagggtg 240
aacctggtct cagagggtgaa attggtaacc ctggcataga tgggtgctct gtgagtataa 300
ttttgttagt atgtttcttc gtacttgat ttttttttag 340

```

<210> 7035
 <211> 2054
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (459)...(911)
 <223> similar to gi3874364 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7035

tccgtgaatt	gtcagcgcgc	tgtgggcgac	tgtgtggccg	cggcggccgc	caggcttgcc	60
gcactcccc	tgaggtgcc	gccggaacca	atgtgccctg	gtccactggg	ccgtgagcag	120
ccaccgactg	ggggcaactt	ggcacttaga	accgcagcag	ggacgtcggg	ttgctatcgg	180
gactcggcga	ggacgatgga	aatcctgtat	gaatgtggaa	gccattagca	gagtaattgc	240
tgtctgttac	catgacaacc	agccgctgca	gtcacctgcc	cgaagtccctg	ccagactgca	300
ccagctcagc	tgcacccgtg	gtgaagacgg	tggaggattg	tggcagccta	gtgaatgggc	360
agccgcagta	tgtcatgcaa	gtttcagcca	aggacgggca	gctgctgtca	acagtagtgc	420
ggactcttgc	cacccagagc	cccttcaatg	accggccgat	gtgcaggatc	tgccacgagg	480
gcagcagcca	agaggacttg	ctctctccat	gtgaatgtac	agggaccttg	gggacaattc	540
atcggagctg	cctggagcac	tggctgtcat	cctcaaacac	cagctactgt	gaactctgcc	600
acttcagggt	tgcagtcgag	cgcaaaccac	ggccgttagt	ggagtggctg	agaaaccttg	660
gccccagca	tgagaagcgg	actctgtttg	gcgacatggg	gtgcttcttg	tttataactc	720
ccctggccac	catctcgggc	tggctgtgcc	tgcggggcgc	cgtggaccac	ctgcacttta	780
gtagtcggct	ggaagccgtc	ggactgattg	cactcactgt	cgcactcttc	actatttacc	840
tcttttgac	actagtgtca	tttaggtacc	actgtcgatt	gtacaacgag	tggcgtcgga	900
ccaatcagag	ggtgattctc	ctcattccaa	agtctgtcaa	tgtaccttct	aaccagccgt	960
ccttgctggg	cctccattcg	gtcaagagga	actcaaagga	gacagtgtgt	tgatgtttgt	1020
atggttggtt	ggttgtttga	ttcattgttt	ggggttttga	agtgtctgca	ctggggtcat	1080
gcactgagcg	acccccaaagc	ccttccttaa	gcctgtgggt	ctaagaacat	ccagagcata	1140
ttagcacatc	actccaagca	acaacctccg	ccagaagaaa	gcaaatgctg	ttttacttca	1200
aatgatggat	gctgcaatca	tatgatattt	gctaagctgc	caaacatggt	tatttagcag	1260
atactgtatg	gaattttctg	aacacctctt	taacgtatga	ggaaggttgt	actgctacgg	1320
atgcaattca	attcttctct	ttttattact	atttcaaaca	cacacacata	tatatatata	1380
ttaaacttag	atgataatca	aaatcaaaaa	gtcaacgtaa	aaactggttt	cttggtttgg	1440
ttgggtctta	tttgagttag	tttgtttctc	agtttctcgt	atggattctt	tggggtactt	1500
tggtagcctg	agtggctctt	ttcatctctt	tcgcgtccat	tactcaagga	gacagcataa	1560
cagatgcaga	acaagtcata	tttgaagaat	gttttgtact	aaacttcatt	taattattca	1620
gtttttaaaag	ggaaaaagg	cgtgagctca	cacagtgagc	tgtttattta	aatatcatta	1680
aggagaaaaa	aaaatatggt	gagaagctcg	ctccatttca	acttgtttgg	tactgacagc	1740
tgatagaagc	tattttctaa	taataaacac	tccaagtgtg	tgaaagacaa	aacccccctga	1800
ttgcaatact	cttttttttaa	tgataaaaacc	tgtgaagttt	cccaaagcag	gtttttaaaag	1860
gaaaaaaaagg	aaaagcaaaa	aggttgctgt	tctcactccc	atctcattta	gtgcattgct	1920
taattcggga	ttagtaatga	attggaggat	cattagacat	ttctaggaac	cctagacctg	1980
ttttgcatgt	caatttagcat	tccatttgct	ctattgaatt	tctagcttga	caggtagatg	2040
tggcaaaaaa	aaaa					2054

0040725 0100

<221> misc_feature
 <222> (320)...(210)
 <223> similar to gi1072242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7037
 tcggcgtggg tttagaaggg cctggcctgg agcctaacag agaaatagaa ggagcagaaa 60
 ctagaggtgg agggaaatth gctggcagat cctacaggga ggaaagagaa aagggaagga 120
 tttcagtcct ttccataatt ttgtgactgg atgactgaaa gaatgctttt aaacatttat 180
 taatccatcc gtccatgcat ctatgcatcc atgcatgcat gcatgcatcc atccatccat 240
 ccatccatcc atccatccat ccatccatcc atccatccat ccaacattca ttgctgctac 300
 cgcatgggga ttctcaatct tataaaaaag agcaactctc cctttcccta atg 353

<210> 7038
 <211> 733
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (381)...(152)
 <223> similar to gi5042294 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7038
 ctggaagaga agatttgaaa agagactgga gagaaggggtg ggagacggac agagccagct 60
 gtgccagccg agggaccaga gtgggcagtg gggacggagc acagaccacc gcccacaagg 120
 gtctctcctg tgactttctgg cttcccagagg gcagaggctg ggatgggcat gtggcggtg 180
 gcacccagga ggctccgcca ggtccacgcc aagccagcct ggctcagctc tggcttctctg 240
 ctacacagct ggatgcctgt ccccaggcct cctgacaggg ctctgcagca ttggagaggc 300
 ttgtggtggg gccctcgctg tagaacaggc actgccagtg ctactgact cctcattgca 360
 gccagggcag gggcgctccc accacctcgg ttccagtcag gaagctgggg ggtgctggga 420
 tctgccagca gctctgtgtg ctccccagggt gggctgcccg gggccctggc tctctggctt 480
 ctacaccagt gccctgcca agcctcagcg cccaaggctt ttgcaagccc tgttctctgca 540
 tctctggaga gggctgctcc aggtgtgggc ctggccaggg cttccagacc agtccaggca 600
 ctgcacctgc acattgaccc cttctctcac tctctctcat ccttcagtag ccacaaagct 660
 ggcagcaggg tactcgaga ttgtgagga gagccgagcc cttgctgact gtctctccgt 720
 gcacggcaga gtg 733

<210> 7039
 <211> 5276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4442)...(3348)
 <223> similar to gi4589630 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7039

tttttttttc	tttcttttgg	tggtaaatag	gtattttattt	gaaatgaaaa	aaaaattact	60
taagtacctg	gactattgca	tttaatcatg	tattgtaatt	gtgttactct	acctttttgc	120
atcagagaca	aatatacaat	gaacattcag	atatcacaga	ctgcacacta	gatagtaatt	180
cttcaggtct	tttacataac	caccaagaaa	cagatattgg	tttctgcaat	atagtataaa	240
agtccacaat	caatccagtc	ttagccagta	tcttcaattt	acttctgttg	ctgtacaaat	300
aattggccat	tactagggct	tacaagttaa	taacaggaca	aaaaatatac	attgcactga	360
cacaaaaagt	cagctgtgtt	aagagtcag	caacaagtaa	ccaaacttgc	tgaaattaaa	420
aatactttct	aaaaacagtt	ttaacggcat	aaatatttta	tacacagttc	atttaccaaa	480
acaaaatgta	tttaaatgat	acaaagcaaa	aataagtttc	taccaacttt	atacataaga	540
aagtgcacaaa	taacttatct	agagtgtttt	gctattatcc	agacggatgg	ctgctatggg	600
cagctattct	cttcttcaaa	agcatgacat	tagagtgtgca	cactacatag	aaatgttaga	660
atacatggat	gaacaaatga	acagggtggat	ggatgaatga	acaaactaca	aagatcaggc	720
aggagcccta	tgagggtactc	tcagaaaaag	aatgcagacc	atactaagggt	agatgtacat	780
gttgacaata	gatgttggtg	aataaattta	catggaacac	agaaagatat	ccagagaaat	840
aattagttta	tgtatgtgag	tgtacttgta	tgtgtgagtg	attctgttga	tttctgcatt	900
agaggcaaaa	agaaaagaaa	cccgattgaa	caaaacagtt	gccacagca	ccagctgcca	960
gaggaaatac	taccatgagg	gttttggttt	ccaccttcta	gttatggaag	ttctgttaga	1020
aagttagtaa	tggaagttgt	gtcggaaagt	ttaaaagtgt	tcattcccata	tagtttcccta	1080
ttacaaagag	gaataacctt	taagtaacta	cacacacaca	ttcatatatt	caagtcttta	1140
aagaacacct	ctgccactgg	gtatggggta	aacatgattc	atggacaaaa	ggaggacgct	1200
tcttttaaaa	agtgtagaat	aacactgcta	caaatacatct	agagggccag	acaggggcaa	1260
ggcccacagt	tacataatag	cacaatttct	gcaactgttg	aacatcagca	ttattttatta	1320
gaattgaaga	tggtgatggg	ggaggggagag	tgtgggggga	gtaagacaca	gaaaggaaaa	1380
cagaacacaa	cttttcttta	aattaaagta	ttaatgccga	taatcctttt	attaacaagt	1440
atatttgaac	ttttagaaat	ggaagtgttt	taatcaattt	tgatatgtaa	tcataaatag	1500
actgtaggct	caaaccaggg	taaataaaga	tttaaattta	gtaagcgtaa	ggcactaaag	1560
cagcctttct	attttctctt	ggagacctag	ttatcatatc	aggaagaaca	aatttgttct	1620
taagctgggt	tcagcccatc	aggtacaaga	tcaccattgt	accaaatagcc	tatttttgaa	1680
tgcatgtgca	tatatgtgca	ttttagtgc	taagtgtgcc	tctcaccagg	gcctaaagat	1740
ggaaaatttg	aaaagccaaa	gccgtgtcc	tttgcattgt	gcctctgtga	gggtgtgaag	1800
gcctttcctt	tcgcacctgt	gaagggtgtga	aggcctatct	tggggccatta	atgattctat	1860
atttttcaaa	tcacagggct	tttagaattg	ttcataatgt	tatcactaag	tttctgaaaa	1920
tgttaaaatc	tagatttaatt	gtttcatttt	taatataat	tatatataat	tatatatgta	1980
cataacacac	atttaaaaaa	atcccaccac	caagcctttt	ctctgtaaac	taatctctta	2040
gccccttcca	gctttaatcc	ccttggaatt	gtgtgttctg	tatccaacta	gtagaacaaa	2100
ttaaataact	aaataattaaa	atactgtaat	tatattcata	gcaaaaacaa	aaaaatagac	2160
attgatacag	tataaatctc	actgttttca	ggtagatgac	attaaatggt	aaagggtta	2220
tttaagcagt	tctgacatga	ttcagtttta	caacaaagtt	tatatgttaa	ttctgtacac	2280
ttctttcttt	ccttttttta	ccccttggtt	gaaaataagc	tatagtagaa	cattagtgtc	2340
accaaagaca	catacttatt	atgttctatg	caagataagc	taattttggg	ttacatgcaa	2400
atataattcc	attagttgag	acagggctgt	ttcctgcact	acactggtca	tctgaccacc	2460
tttctgcaat	gctaagaagg	tattctttga	ccaaacagca	gtccacatac	aagtttaaaa	2520
ggggccctgt	ttatgtagga	acaacactga	ggtggtgctg	agccagggtac	aagacgcccc	2580
aatattttcca	gtttatctta	cggctggact	cctattctcc	cacactgttt	cctaaagaag	2640
gtccacatta	ttttggttac	tagcctagtt	taagtggaga	tactgtgggc	aacttgaaag	2700
aatgacatc	aggcacacag	gctgagcttg	aaaggaaaaa	aagaccacag	ataatgtctt	2760

tgggatttta	aaaaaacata	tttataatta	attggttaagt	tgagggatgt	cagacaaacc	2820
ataagtagtt	cattgagtta	gtggtttagt	ttgaagtttc	atgtttacag	cagttaagtc	2880
cttattttaga	aaaaaaggcc	tttttatatc	ctattttacaa	tatacatagt	tacttgcaaa	2940
gaagtcagat	ttacaaccat	tttctaaaag	ccttttttgt	tgttggtttt	tccaaataag	3000
gatgagtagc	tcttttaaaa	atgagatgca	agaaaagaga	gttaataagt	gaggattttt	3060
ctcttgagaga	cagctactgt	catcacggga	gaactggagg	gtcgaaagtg	ttgctcctag	3120
gaaccacctc	atattcttct	tgtgctgttc	acctgaatcg	cgtctgcccc	attcctgtac	3180
tctacacccg	ttttattcaa	tgatcccttt	gaattttaac	acttcaaaca	cgtggtatga	3240
agagatgtgt	aaacggagac	tgttttcaat	gccttccaag	ctgggacagg	agaatcggga	3300
aggggtctac	agaccatggt	ctccactcag	cttggttgaat	cttcaacaat	ttcgaggccc	3360
atcttctgaa	cctctctcat	gctgtaagtt	ataataacag	ttctgacaaa	cacgcaccgg	3420
ggatgagatt	ttcaagcggt	tgatttcaga	ttgaaagcga	ctgcacttct	ggcagaagag	3480
ctgaccacag	ttcctgcaat	ggtgtcgtct	ttctgtgagt	gaaaacctca	ccgagcagcc	3540
tgagcagctg	tcaccacctt	catccttcac	ccagtgtaca	gcagcagaac	ggcctggctg	3600
gtcactcaca	gaccagctga	aaactcggcc	tcgactgtca	ccaacgagga	tcctactgtg	3660
atccttgagg	atgcccaagg	cagtgaacct	agctgggtgt	gcattgtcct	ttcgatcaaa	3720
ggctgtgtgc	atagtcagct	tactcctgaa	caccagctgc	cgttcccatc	ggtaccagg	3780
tttcaatctg	ctgtaattcc	gcacctcaat	gggattgggg	tgggggtggc	taagggggcc	3840
ctgcagatgg	gctctggtct	ggccctctga	atagttcaca	aatatgaagc	cgtctttctc	3900
atctagactg	agctggtcgg	accagcgtct	ggagtcgtca	gagccactgt	cagtacacca	3960
ggcggctgtt	gcgcggcagg	aggctgcccg	gggcctgtgg	ctggtgctgc	tgggttggct	4020
tggagtgtcc	ttagggtcct	ggctgatgct	ctgctcatct	gcttctgaat	cactgctgtc	4080
ctcgtcttgg	gcttcctgcc	ctatttgtgc	ttctggacag	tcttcctgca	tttctaggac	4140
ttcagcaggc	tcaggagctg	gtgtttcagg	aacttgcaaa	aattccattc	tccaaaaccg	4200
aaccactcca	tctgagtgtc	ctgtcactat	gacgtttctgc	gtgtcccatc	cgttcatctc	4260
cgacatgcag	cagcagatga	tctgctggct	cctacctgtg	aacgtgttga	cactcacgat	4320
agggttccca	ttgatgctcc	acacatggat	atatgtgcc	gcgaggaca	caatgtcccc	4380
tgttaattca	ttgatacaaa	gagcagaaac	tggagctcga	tgccttcgaa	gctgggttag	4440
aaatgacagt	ttgttcaaat	cccaaatgat	acaggttcga	tcacgggacc	cactgacaat	4500
tatgtgatag	gctaatagat	ctgtggcgca	ggtgacggta	tcagtgtggc	ccagtaaggc	4560
ctgtttgagg	gtgacggtct	tggccttttc	tttggagggtg	cccatctccc	acacacacac	4620
aaccgtgctt	gttccacccg	tgatgaccag	cttgggggtg	gggcagattg	cacagagaat	4680
ctggccccac	tcagacaagc	attcataaac	agtcatggcc	ttgtctgact	cataggttcc	4740
cagtctgcaa	ctgagggtctg	catagcccca	agcaaaagtt	ttattccagg	ttggtgggat	4800
aagaacctta	ttctgttcca	ccgcaagaat	acctttatct	gtacatacga	tttgtcctac	4860
aggttctttg	agttctttta	cagggtgttag	agaaggcctc	aagttgtcta	gatgatgaaa	4920
aaagatctttg	tcacttgttag	atcctggtag	gacagagatt	cctgcattgt	ctccattgag	4980
tgacttcttc	actcgctttg	gtggatgagg	ttttttaaat	aactgtttag	ggatctgacc	5040
caagtttatta	atgaacccaa	tttgtgctgt	ctcctttagt	gggtcatatga	tgttctagat	5100
atccacttga	ccctcataaa	aaagatgatg	gaagacattt	acagcttcta	ctgcagcagg	5160
gccttgctgt	ttataaccga	agattaagtc	aatccactca	tgtagatggg	cactcacgta	5220
atcacactcc	aaagcctcac	gatggactct	gatgaattct	cgtgggtccc	cttttg	5276

<213> Homo sapiens

```
<223> similar to gi484509 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 7040
cccacgcgtc cggacccacg cgtccgggttt cttggagcctt ccacaaactt aaaacccatga 60
aacatctatt attgctacta ttgtgtgttt ttctagttaa gtcccaagggt gtcaacgaca 120
atgaggaggg tttcttcagt gcccggtggtc atcgacccct tgacaagaag agagaagagg 180
ctcccagcct gaggcctgcc ccaccgcccc tcaagtggagg tggctatcgg gctcgtccag 240
ccaaagcagc tgccactcaa aagaaagtag aaagaaaagc ccctgatgct ggaggctgtc 300
ttcacgctga cccagacctg ggggtgttgt gtccctacagg atgtcagttg caagaggctt 360
tgctacaaca ggaaaggcca atcagaaata gtgttgatga gttaaataac aatgtggaag 420
ctgtttccca gacctcctct tcttcctttc agtacatgta ttgctgaaa gacctgtggc 480
aaaagaggca gaagcaagta aaagataatg aaaatgtagt caatgagtac tcctcagaac 540
tggaagagca ccaattatat atagatgaga ctgtgaatag taatatccca actaaccttc 600
gtgtgcttcg ttcaatcctg gaaaacctga gaagcaaaat acaaaagtta gaatctgatg 660
tctcagctca aatggaatat tgtcgacccc catgcactgt cagttgcaat attcctgtgg 720
tgtctggcaa agaattgtgag gaaattatca ggaaaggagg tgaaacatct gaaatgtatc 780
tcattcaacc tgacagttct gtcaaaccgt atagagtata ctgtgacatg aatacagaaa 840
atggaggatg gacagtgatt cagaaccgtc aagacggtag tgttgacttt ggcaggaaat 900
gggatccata taaacaggga tttggaaatg ttgcaaccaa cacagatggg aagaattact 960
gtggcctacc aggtgaatat tggcttgga atgataaaat tagccagctt accaggatgg 1020
gaccacaga acttttgata gaaatggagg actggaaagg agacaaagta aaggctcact 1080
atggaggatt cactgtacag aatgaagcca acaaatacca gatctcagtg aacaaatata 1140
gaggaacagc cggtaatgcc ctcatggatg gagcatctca gctgatggga gaaaacagga 1200
ccatgaccat tcacaacggc atgttcttca gcacgtatga cagagacaat gacggctggg 1260
taacatcaga tcccagaaaa cagtgttcta aagaagacgg tgggtggatgg tgggtataata 1320
gatgtcatgc agccaatcca aacggcagat actactgggg tggacagtac acctgggaca 1380
tggcaaagca tggcacagat gatggtgtag tatggatgaa ttggaagggg tcatggtact 1440
caatgaagaa gatgagtatg aagatcaggc ccttcttccc acagcaatag tccccaatat 1500
gtagatTTTT gctcttctgt atgtgacaac attttgttac attatgttat tggaaatttt 1560
tttcatacat tatattcctc taaaactctc aagcagacgt gagtgtgact ttttgaaaaa 1620
agtataggat aaattacatt aaaatagcac atgattttct tttgttttct tcatttctct 1680
tgctcaccaa gaagtaacaa aagtatagtt ttgacagagt tgggtgttcat aatttcagtt 1740
ctagttgatt gcgagaattt tcaataaagg aagaggggtc ttttatcctt gtcgtaggaa 1800
aaccatgacg gaaaggaaaa actgatgttt aaaagtccac ttttaaaaact atattttattt 1860
atgtaggatc tgtcaaagaa aacttccaaa aagattttatt aattaaacca gactctgttg 1920
caataaaaaa atatagtttt aaaagtggac ttttaaacat cagtttttcc tttccgtcat 1980
ggttttccta cgacaaggat aaaagacccc tcttccttat ttgaaaattc tcgcaatcaa 2040
ctagaactga aattatgaac accaactctg tcaaaactat acttttggtta cttcttggtg 2100
agcaagagaa atgaagaaaa caaaagaaaa tcatgtgcta ttttaatgta atttatccta 2160
tacttttttc aaaaagtcac actcacgtct gcttgagagt ttttagaggaa tataatgtat 2220
gaaagaaaat tccaataaca taatgtacaa aaatgttgtc acatacagaa gagcaaaaat 2280
ctacgtattg gggactattg ctgtgggaag aagggcctga tcttcatact catcttctct 2340
attgagtacc atgacccctt ccaattcatc catactacac catcatctgt gccatgcttt 2400
gccatgtccc aggtgtactg tccaccccag tagtatctgc cgttttgatt ggctgcatga 2460
catctattat accaccatcc accaccgtct tctttagaac actgttttct gggatctgat 2520
gttaaccagc ccacgcgtcc gcggacgcgt ggg 2553

<210> 7041
<211> 822
<212> DNA
<213> Homo sapiens

SECRET

tttttttagt	taaacaatca	ttttattgct	tgagtacaca	gacaaattta	tgcgaccagg	60
gcagaggctg	tagatgattc	atatttccaa	ttgggaggga	ggactcgctt	ggtcttataa	120
tatcgagcca	aacggtgaat	ccggtctctt	attagaatca	gacggaattt	agcatcctta	180
tcctttctgt	tcctctcaag	atgctttcga	acagcaactg	ctttcttaat	taaatggtag	240
agatcttcag	gaagatcagg	agcaagtccc	ttagacttaa	gaattcttaa	aattttgttg	300
cctgatcgcc	gccatcatgg	gtcgcgatgca	tgtcccggg	aagggcctgt	cccagtcggc	360
ttaccctat	cgacgcagcg	tccccacttg	gttgaagttg	acatctgacg	acgtgaagga	420
gcagatttac	aaactggcca	agaagggcct	tactccttca	cagatcggtg	taatcctgag	480
agattcacat	ggtgttgcac	aagtacgttt	tgtgacaggc	aataaaaattt	taagaattct	540
taagtctaag	ggacttgcct	ctgatcttcc	tgaagatctc	taccatttaa	ttaagaaagc	600
agtgtctgtt	cgaaagcatc	ttgagaggaa	cagaaaggat	aaggatgcta	aattccgtct	660
gattctaata	gagagccgga	ttcaccgttt	ggctcgatat	tataagacca	agcgatcctt	720
ccctccaat	tggaaatatg	aatcatctac	agcctctgcc	ctggtcgcat	aaatttgtct	780
gtgtactcaa	gcaataaaat	gattgtttta	ctaaaaaaaa	aa		822

```
<220>
<221> misc_feature
<222> (56)...(1206)
<223> similar to gi408944 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

gtcggaaag	gaaaacaact	acggctgcgg	tgtggttggt	ggtgagatga	cgaccttagt	60
gctggataat	ggagcttaca	acgccaaaat	cggttacagc	catgaaaatg	tgtcggttat	120
tcctaattgt	cagttccggt	caaaaacagc	acgtcttaaa	actttttactg	ccaaccagat	180
agatgaaata	aaagaccctt	ctggactctt	ttacatcctc	cctttttcaaa	agggctactt	240
ggtgaattgg	gatgttcaga	gacaagtttg	ggattacctt	tttgaaaag	aaatgtatca	300
ggttgatttt	ttagatacta	atattattat	cactgaacca	tactttaact	tcacttcaat	360
tcaagaatca	atgaatgaaa	ttctatttga	agaataccag	tttcaagcag	tattaagagt	420
aaatgctggg	gctctcagtg	cacataggt	tttccgagat	aatccttccg	aattatgctg	480
tatcatgttt	gatagtggt	attcctttac	acatatagtt	ccttattgt	gaagtaaaaa	540
gaaaaaagaa	gcaattattc	ggataaaatgt	gggaggaaaa	ctcttaacca	atcatctaaa	600
ggagatcata	tcttacaggc	agctacatgt	tatggatgaa	acacatgtga	ttaatcaagt	660
gaaagaagat	gtatgctatg	tgtctcagga	tttttataga	gacatggata	ttgcaaaagt	720

gaaaggagaa	gaaaatacag	taatgataga	ctatgtcttg	cctgacttca	gtacaattaa	780
aaagggcttt	tgtaagccaa	gggaagagat	ggtggttgagt	ggaaaataca	aatctgggga	840
acaaattctt	cgtttggcca	atgagagatt	tgctgttccg	gaaatactct	ttaatccttc	900
tgatataggc	attcaagaaa	tgggaattcc	agaagctatt	gtctattcaa	ttcaaaatct	960
acctgaagaa	atgcagccgc	atTTTTTTaa	gaacattgtc	ttgacaggag	gaaattccct	1020
tttcccagga	tttagggatc	gggtttactc	agaagttcga	tgtcttactc	caacagatta	1080
tgatgtttct	gttgtgctgc	ctgaaaaccc	tattacttat	gcctgggaag	gtggaaaaatt	1140
gatatcagag	aatgatgatt	ttgaagatat	ggtggttaaca	agagaagatt	acgaagaaaa	1200
tgacatagc	gtctgtgaag	agaaatttga	tatttaaggc	aacatttttg	gaatgaaagt	1260
tgtgaccata	aggtttaatt	tcaaagttcc	ttttaaaaga	ggttaaggga	actgtgttac	1320
cttttgtcct	aaggaaaaag	ggcttgaatt	tatgttaaatt	actttgatcc	gattgctaatt	1380
tttcaaaggc	ttcttaggta	ggttactaca	gtaaactgta	actcagtcca	catttttcatt	1440
taggagctag	actaccataa	caatgcttat	gctgtttcca	agggtaggtt	atTTTTcatt	1500
aaaagaagaa	ctgaatgcct	tttaaagttt	aaattcttca	tagcctgaaa	gccacaaact	1560
ttaacggctc	tcacctggac	acgtttctcc	ttagaaggct	agttcttggtg	tgactgtgac	1620
taaactatTT	tctatTTTaa	aactgtcatt	ctctattata	tacattccta	aagtctggaa	1680
acgactgtat	tcttatcatg	tgtatcaatg	ttatatTTtg	tacctagagt	acattttaaaa	1740
gggtggagca	ctaagctaatt	aaagtttttt	tggccccctaa	aaaaaaaaa		1789

<210> 7043
 <211> 1653
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (159)...(993)
 <223> similar to gil62941 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7043						
cccacgcgtg	cgccacgcg	tccgccacg	cgtccggtcg	gcttgtcagg	tggtggagga	60
aaaggcgctc	cgatcatggg	atccagacga	gccccgtcct	gctggcctcc	ctgggggttg	120
ggctggtcac	tctgctcggc	ctggctgtgg	gctcctactt	ggttcggagg	tccgcgcggc	180
ctcaggtcac	tctcctggac	cccaatgaaa	agtacctgct	acgactgcta	gacaagacga	240
ctgtgagcca	caacaccaag	aggttccgct	ttgcctgcc	caccgccac	cacactctgg	300
ggctgcctgt	gggcaaaca	atctacctct	ccaccggaat	tgatggcagc	ctggtcatca	360
ggccatacac	tccgtgcacc	agtgatgagg	atcaaggcta	tgtggatctt	gtcatcaagg	420
tctacctgaa	gggtgtgcac	cccaaatttc	ctgagggagg	gaagatgtct	cagtacctgg	480
atagcctgaa	ggttggggat	gtggtggagt	ttcgggggcc	aagcgggttg	ctcacttaca	540
ctggaaggag	gcatttttaac	attcagccca	acaagaaatc	tccaccagaa	ccccgagtgg	600
cgaagaaact	gggaatgatt	gccggcgagg	cagggaatcac	cccaatgcta	cagctgatcc	660
gggccatcct	gaaagtccct	gaagatccaa	cccagtgtct	tctgcttttt	gccaaccaga	720
cagaaaagga	tatcatcttg	cgggaggact	tagaggaaact	gcaggccgc	tatcccaatc	780
gctttaagct	ctggttcaact	ctggatcatc	ccccaaaaga	ttgggcctac	agcaagggct	840
ttgtgactgc	cgacatgatc	cggaacacc	tgcctgctcc	aggggatgat	gtgctggtac	900
tgctttgtgg	gccaccccca	atggtgcagc	tggcctgcca	tcccaacttg	gacaaactgg	960
gctactcaca	aaagatgcga	ttcacctact	gagcatcctc	cagcttccct	ggtgctgttc	1020
gctgcagttg	ttcccatca	gtactcaagc	actataagcc	ttagattcct	ttcctcagag	1080
tttcaggttt	tttcagttac	atctagagct	gaaatctgga	tagtacctgc	aggaacaata	1140

ttcctgtagc	catggaagag	ggccaaggct	cagtcactcc	ttggatggcc	tcctaaatct	1200
ccccgtggca	acaggtccag	gagaggcca	tggagcagtc	tcttccatgg	agtaagaagg	1260
aagggagcat	gtacgcttgg	tccaagattg	gctagttcct	tgatagcatc	ttactctcac	1320
cttctttgtg	tctgtgatga	aaggaacagt	ctgtgcaatg	ggttttactt	aaacttcact	1380
gttcaaccta	tgagcaaatc	tgtatgtgtg	agtataagtt	gagcatagca	tacttccaga	1440
ggtggtctta	tggagatggc	aagaaaaggag	gaaatgattt	cttcagatct	caaaggagtc	1500
tgaaatatca	tatttctgtg	tgtgtctctc	tcagcccctg	cccaggctag	agggaaacag	1560
ctactgataa	tcgaaaactg	ctgtttgtgg	caggaacccc	tggtctgtgca	aataaatggg	1620
gctgaggccc	ctgtgtgatt	ttgaaaaaaa	aaa			1653

<210> 7044
 <211> 2154
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1828)...(4)
 <223> similar to gi3540177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7044						
tcaagatgcc	ttctcacctg	tgtgaatgtt	cttatggcga	ttaagctggg	tgggaagact	60
aaaaaccttt	ccacattcct	tacattcaaa	gggtttctca	ccagtatgca	atttctgatg	120
tcgaataagt	tgcatatgaa	gtcgaaaggc	tttcccacac	tccttacatt	caaagggttt	180
ctcaccagta	tgcaatttct	gatgtcgaat	aaggtgcata	tgaagtcgaa	aggctttccc	240
acattcctta	cattcaaagg	gtttctttcc	agtatgaata	cttcgatgtt	gattaagatt	300
tgaaccacga	cgaagaatt	ttccacattc	cttacattca	aatgggtttt	cacctgtgtg	360
agttttctga	tgttgggaaa	gttgtaggta	aagtctaaaa	gccttcccac	actccttaca	420
ttcatagggc	ttctcaccag	tgtgaatact	ctgatgttga	acaaggcttg	agccacgatt	480
gaaggccttc	ccacagtctt	gacattcaaa	tggcttgtca	ccagtatgaa	ttcgagaatg	540
ttcaataagt	tggcaatgat	atctaaaggc	catctcacat	tccttacata	caaaagggtt	600
ctcattggaa	tgaattttct	gatgctgaat	aaggtgtgca	ccacgattaa	agcctttccc	660
acactcctta	cattcatatg	gttttatacc	agcatgaata	ctctgatgtt	gaacaagggt	720
tgagctacga	ttaaaggact	ttccacattc	cttacattca	aacgggtttt	cacctgtgtg	780
aatgttctta	tggcgattaa	gctgggttgag	aagactaaag	gccttcccac	attccctgca	840
ttcaaagggt	ttctcaccag	tatgaatctt	ctgatgtcga	acaagctttg	tcagaagagt	900
aaacgccttt	ccacattctt	tacattcaaa	gggtttctca	ccagtatgaa	tttggcaatg	960
ttcaataagt	tggtaatgat	atcgaaaggc	catcccacat	tccttacata	caaagggttt	1020
ctcattggaa	tgaatttttt	gatgctgaat	aagatttgaa	ccacgattaa	aggctttccc	1080
acactcctta	cattgatatg	gttttatacc	agcatgaata	cttctgatgt	gagtaagggt	1140
tgagctacga	ttaaaggact	ttccacattc	cttacattca	aacagtttct	taactgtgtg	1200
aatgttctta	tggcgattaa	gctgggttgag	aagattaaag	gcttttccac	attccttaca	1260
ttcaaagggt	ttctcaccag	tatgaatctt	ctgatgtcga	gtaagttgta	tgtgaagttg	1320
aaaggctttc	ccacattctt	tgcatttata	gggtttctct	ccagtatgaa	tactctgatg	1380
ctgaataaga	tttgaaccac	aactaaagta	tttcccacat	tccttacatt	catacggttt	1440
atgtgtattg	caaataagag	aagcatgagg	agtatgagta	ggcagttttt	catagctgat	1500
catcttttga	ttgatatttc	cttcttgata	tcctgttagt	ccctcaaatt	gtctatattc	1560
tgagtcattt	ctaaaataaa	aggcctcaat	gccaagagtt	gtacttattt	gctttataac	1620
ctgtttgggt	aaatttactt	cagagggtatc	attttctgga	gatactttct	caggtccata	1680

tagcagcagt	gttcgcaggt	ggcttgagca	gtcctgttgg	gtgcttctgt	cctcctcacg	1800
ctgttcctgg	aaagatgtcc	gagtctctgt	gccgtccgag	ggcgcgggga	atcccagctg	1860
aggcccgtga	cgcgccggag	ccctaggcgt	gggcagggcc	agcaccagcc	cta	1913

<210> 7046

<211> 4483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (225)...(2977)

<223> similar to gi3882211 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7046

cgaggatat	aatctaccat	agttggtact	ttatataggc	ctcgggtacc	tatttgaggc	60
gttctatgat	catacccatc	ctcgagacct	ataaatgggt	attaggtgaa	tgttaccag	120
gttctcctca	gttcataagc	aattctttct	ttactgatta	ttatttatct	ttgtttatta	180
actttaccca	cagttgctta	catttgtagc	aggctgaact	gtaatctttc	ctgactgac	240
ttttccagag	cctggcccaa	ctagagaatc	tgtgcaaaca	gctgtatgaa	accacagaca	300
caaccactcg	actccaggca	gagaaagcct	tggttgaatt	taccaacagc	cctgattgcc	360
tgagcaagtg	ccagctactc	ctcgaaagag	gaagtctctc	ttactcccag	ttactggcag	420
ctacatgcct	taccaagctt	gtatcacgca	caaacaacc	cctaccattg	gaacagcgaa	480
tagatattcg	gaactatgtg	ctcaactacc	ttgccactcg	gccgaagttg	gctactttcg	540
tgacacaagc	acttattcag	ttatatgcca	gaatcacaaa	actgggctgg	tttgactgtc	600
agaaggatga	ctatgtcttc	agaaatgcaa	tcacagacgt	cacaagggtt	ttacaggata	660
gtgttgaaata	ctgcatcatt	ggtgtcacaa	ttttatctca	gctaaccaat	gaaattaatc	720
aagtaagtgc	tacagccttc	ctcattgaag	cagacaccac	ccatccttta	accaagcaca	780
gaaaaatagc	ctcttctttt	cgcgattcat	cattatttga	tatcttcaca	ctttcctgca	840
atttactaaa	acaggcttca	ggaaagaatc	taaacttgaa	tgatgaaagt	cagcatggct	900
tgctcatgca	actgctcaag	ctcactcata	actgcctcaa	ctttgacttc	atcggcactt	960
ccactgatga	gtcctcagac	gacctgtgta	cagtgcagat	tcccaccagc	tggagatcag	1020
ccttcttaga	ttcttcaacc	ttgcagctgt	ccaccattgg	gcgttgtgaa	tatgagaaga	1080
cgtgtgcaact	cctcgtgcag	ttgtttgacc	agtcggccca	gtcgtaccag	gagctgctac	1140
agagcgccag	cgcaagccca	atggacattg	cagtgcagga	gggaaggctg	acatggctgg	1200
tttacattat	tggagcagtg	atcggtgacc	gggtttcttt	tgccagcact	gatgagcaag	1260
acgccatgga	tggtagctt	gtctgtcggg	tgctccagct	gatgaacct	acagattctc	1320
gtttggccca	ggcgggta	gagaagctag	agttggccat	gctgagcttt	tttgaacagt	1380
ttcgtaagat	ctacattggg	gaccaagtgc	agaaatcctc	taagctgtac	cgccgactct	1440
cagaagtct	gggcttga	gatgagacca	tggtcctaag	cgtcttcata	ggaaaaatca	1500
tcaccaactt	gaagtactgg	ggccgttgtg	aaccaatcac	ctccaagaca	ctacagcttc	1560
tcaatgacct	gtccattggg	tacagtagcg	taagggaagct	agtgaagctt	agtgcggtac	1620
agttcatgct	gaacaatcac	acgagcgagc	acttttcatt	tttgggtatt	aacaatcagt	1680
ccaacctgac	agacatgcg	tgctcgacta	ccttctacac	agcacttggg	cgtctcctca	1740
tggtaggatt	aggagaggat	gaagatcagt	atgagcagtt	catgctgcca	ctcacagcag	1800
catttgaggc	tgtggcccag	atgttttagca	ccaatagttt	caacgagcag	gaggcaaagc	1860
gaactctagt	tggcctagta	agagacctga	gagggatcgc	tttcgctttc	aatgccaaga	1920
ccagcttcat	gatgctcttt	gaatggatat	atccatccta	tatgccaatt	ctccaacggg	1980
caattgagct	ctggtaccat	gatccagcct	gtactacacc	tgtactcaag	ttgatggctg	2040

```

aattggttca taataggtcc cagcgactcc agtttgatgt ctcttcccc aatggcatct 2100
tactcttccg agaaaccagc aagatgataa caatgtatgg caatcgcatc ctgacactag 2160
gagaggtccc aaaggatcag gtctatgctc tgaagctcaa gggcatctcc atctgcttct 2220
ccatgctgaa ggctgctctc agtgggagtt acgtcaattt cggagtcttt cgtctctatg 2280
gagacgatgc cctggacaat gctctgcaga ccttcatcaa gctgctcctc tctattcctc 2340
acagtgatct cttggattac cccaagctca gccagtctta ttattcacta ctggaagtcc 2400
tgaccagga ccatatgaac tttattgcaa gcctggaacc tcacgtcatc atgtatatct 2460
tctcttccat ttctgaagga cttactgcac ttgacaccat ggtatgcaca ggctgctgct 2520
cctgcctgga ccacattgtg acatacctct tcaagcagct gtcacgtagc accaagaaga 2580
ggaccacacc cctgaaccag gagagcgacc gctttctgca catcatgcag cagcatccag 2640
agatgatcca gcagatgctg tccacggtgc tgaacatcat catctttgaa gactgtagga 2700
accagtggtc tatgtcccg cactacttg gcttgatatt gcttaatgaa aagtattttt 2760
ctgacctaag aaacagtatt gtgaacagcc agccaccgga gaagcagcag gccatgcacc 2820
tgtgttttga gaacctgatg gaaggcatcg agcgaaatct tcttacgaaa aacagagaca 2880
ggttcaccca gaacctgtca gcattccgtc gagaagtcaa cgactcaatg aagaattcca 2940
cttatggcgt gaatagcaat gacatgatga gctgacacct ccttggactc tacctgtaca 3000
gagcagcgtc cctttggttt ggcccagagg ggcgacaat tgcaagggag agggcctggc 3060
tgatcctggc tcttttctcc aggggtgtgg ggaaaatggc aaagggtcaac tagctgcttc 3120
cccagggaat aggggtgtga gtacactcac tagggggcag ggcgctgctg gttcctgggg 3180
gactgggtgg gaagggtggg gggaggagat aagagataca aactgagact ccagcctctc 3240
ctcctggggc ccacccaag tggggagaac ccctagtgtc ctgccaacc tgccttgtat 3300
aaacatgtac attttttcat aacattttga acaaggttta tattgactca agtttaaaaa 3360
caaaaagtgt gactgaaaaa tttttacaga gtctagtgtc ccaatgctga tgtgaggggt 3420
tgtgtatgcg agtgaagaaa atgtgtattc tgggtggcctg aagctttact ggacaaggat 3480
gtgtgagagt gcagagatat atttagtga acagtagaga ggcaaaaaaa aagctaaaat 3540
tccaaatgta tttttttcgt tattgccctg tcctcaccca gaaatgatca attcctgtta 3600
ctgtattaac ccttgttatt aggaactcta agccatgcca gaacaccgtc cctccccttg 3660
gaccgtatag attctgcctt gggtccttag ccccttgtag tgataaataa ctccagctaa 3720
aagtgtttgg gtgttcttat ctccaccctc tttcctactt tgcttaccct catcctcaga 3780
cagatgcctc ttgcttttaa aagttggatt taacgcagtg ttgtaggggt cttgggtctgt 3840
gtgaaggcag agaccagaga gaagggaagt agcccactgc tctcctggga gcaatgtggg 3900
tgagtccacc agaggccctg ctgtgtgtgg ccaataaatt ttagtcttcc ccagccctcg 3960
aggcagtgtg tgtggatgta tgcgtgtgga tatttatata tgtaccctgc actcatgaat 4020
gtatgaactg gaggaagtta ctacagtgga agggttctta ataacaaggc ctacctagca 4080
tgaagtattt aacattctcc catcccttaa aaaatatata tttttataaa atgaaaacca 4140
taataaatgt tttgaatatt aaaaaaata ataacctaca gaggaaaatt aatggagaca 4200
gctatttgcc ttgtactttt tccacaattg ttgctgctag ttgtacacat ctctagtcca 4260
gctcttgccc acgggacact catcaattag gttttatttt tatttctttc ctctaccccc 4320
agaaacaagc ctgttaattt ttttccctc tcctctggcg actgtgtgat gaatcctttc 4380
ttgcgtgatc aggttgcgga tagacttgta aggggtgttg ctgcatacag tgtaagcatt 4440
gtgaccgcca ataaacttca atggtttcta ctgaaaaaaa aaa 4483

```

<210> 7047

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(1030)

<223> similar to gi4680691 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7047
ggcccgctcc aacatcagaa tggtaacagc tttcaggagc ctaccagccg gcagctccgg      60
agctgccgcg gccatgtccg cgcacaatcg gggcaccgag ctcgacctta gctggatctc      120
caaaaatacaa gtgaatcacc cggcagttct gaggcgtgcg gaacaaatcc aggcctcgag      180
aaccgtgaaa aaggagtggc aggcgtgcttg gctcctgaaa gctgttacct ttatagatct      240
tactacactt tcaggtgatg atacatcttc caacattcaa aggcctctgtt ataaagccaa      300
atacccaatc cgggaagatc tcttaaaagc tttaaatatg catgataaag gcattactac      360
agccgccgtt tgtgtttatc ccgcccggtt gtgtgatgct gtaaaagcac tcaaggctgc      420
aggctgtaat atccctgtgg catcagtggc cgctggattt ccagctggac agactcattt      480
gaagacacga ttagaagaga tcagattggc tgtggaagat ggagctacag aaatcgacgt      540
ggtaattaac agaagcttgg tgctgacagg ccagtgaggaa gccctgtatg atgagattcg      600
tcagtttcgc aaggcctgtg gggaggtctca tcttaaaact atattagcga caggagaact      660
tggaactctt actaatgtct ataaagccag tatgatagca atgatggcag gatcagattt      720
tattaagacc tctactggaa aagaaacagt aaatgccacc tccccgtag ctatagtaat      780
gctgcgggcc attagagatt tcttctggaa aactggaaac aagatagggt ttaaaccagc      840
aggaggcatc cgcagtgcaa aggattccct tgcttggtct tctcttgtaa aggaggagct      900
tgagatgag tggtgaagc cagaactctt tcgaatagggt gccagtactc tgctctcgga      960
cattgagagg cagatttacc atcatgtgac tggaagatat gcagcttacc atgatcttcc     1020
aatgtcttaa atcagtcacc agttccagaa aagttcttta cgacaatgtt taaaaattat     1080
ttttctacgt aattgctaaa attatttaaat taaaaaattg ggcagtaggt aactggcatt     1140
cctctcttta aaatttctac cgaacttaaat ggaatggaaa aagcaaactc atccacatgt     1200
ggtactcatt tcaggcacat ctgaaatgat cttaattact agaagatctg cactattaac     1260
tttgtgaaga gtttctccta aaaactttta gtaaaatgtt aatggtagct ttgataacat     1320
caaattctaa gggagaaaaa aacaatatta aaccgccccca agcagtgtgc ctagcagag     1380
ggaaaatgca acatctcgca agcgtgctg taacggactt cagggagtca ctgattcagg     1440
cactaatttc cctgctgtgt aaaactcatc ttttcatitt tggcccggtg gatagggcgc     1500
ttttattaat tgttggtccc taatgaaatt tctggacatt gtcatataca acgatgaata     1560
tcattaaaaa ttttaaaaata ataaagttcc tatagtttat ttttttaaaa aaacttaaaa     1620
attgttacia tacataatga aaaaataatc cattaaacat aaaaagaggt ttgatcaaaa     1680
aa

```

```

<210> 7048
<211> 1139
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (825)...(94)
<223> similar to gi233042 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7048
tttttttttt ttgtgtcttt gtacaaaatt ttattaaagg tcttttagaga gcaacatcca      60
gactccagaa tacagctgcc aaggagaccc tggtatgctg tggggactgg ctggggcatg      120
gcaggcgggt ctggcttccc acccttctgt tctgagatgg ggggtgggtgg cagtatctca      180
tctttgggtt ccacaatgct cacgtggtca ggcagggggt tcttagggcc aatcttacca      240

```

```

gttgggtccc agggcagcat gatcttcacc ttgatgccca gcacaccctg tctgagcaac 300
acgtggcgca cagcagtgtc aacgtagtag ttaacagggt ctccgctgtg gatcatcagg 360
ccatccacaa acttcatgga tttagccctc tgtcctcgga gtttcccaga caccacaacc 420
tcgcagcctt tggccccact ctccatgatg aaccgcagca caccatagca ggccctccgc 480
acagcaagcc ctccataggag tttgtaacgc agagactctg cctgggcaat ggcacacaga 540
cctctagtgg ccaccttttc agcataaagc tctacactgc cctctggaaa gccaaacctc 600
ttctgaacta cagcagtcat ttcccgaatc cgccggccct tctcaccaag aacattctgt 660
gttctggtgg ctaagataat gatttctgtc ctggttggtg taactcgcac ctcaactcca 720
gagtagccat cttcagccag ctcccagagta agaaactcat tcagttcagc tttgaagatg 780
ccatcagcga caaacttcct cttcttggat atttgcactg ccatcttgcc aattgctcga 840
atcttggttc ttatgatttc tttccgggct gcagctgaac ctacatcaaa ctggtcttca 900
ccttcagtc ttagttcatc atcagagcaa atactcagaa catttaccaa catttctgtc 960
actttttctc caacaaacgg taaagaccac gtgaagacat ccataaaatt aggcaaccag 1020
taaggatgtg gagaacagtt aacctgtcga atattcatca cattattttc atacaaaaat 1080
acagcagctt tattatgtag acatctaagt aagagcgctc gtgtcacgct aggcgagat 1139

```

```

<210> 7049
<211> 1637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1385)...(957)
<223> similar to gi511450 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7049
ttcttaatta tcaactttca aaaaaccctg aaacttggat gatagatatt atggtacaat 60
atatttgcta ggggaaaaac tgtctatagt agcaccatct tcttcctttg aatgggaaaa 120
gtttgaccaa gaagcaacat aaagtattag cagcaaaata ctggtgaacc agctatcatc 180
cccaagactc ccactataaa catggttagca acagtgatac acactgcctt acagcaatth 240
ttggtgttaa aaatctagcc aattcagttt tttgatattt ggtttttaat agtcttggtc 300
aagtaagaaa ctagtgtgta gtttctgttc tgaaaagaca tggaagattc attagaggca 360
cacaattgct taatgtgaga cttactgaaa aacaaaagtc acattacccc ctagtcttaag 420
gcttcatttc ctaaaaagct gacgtgattt attttttagaa ccacctgtca agtcagtctt 480
ggaagggtgat tctgatttga agtattctaa ctgatgttag accttaaaaa ctcaagacca 540
tcttgagtat taactacctt taattaatca tattttatag aagctcaaaa caccacaata 600
tttacccttt atatgaataa acaaaagccc tatgaattac aatatgcaga acactatata 660
aaagaattcc cataaaaaatt acattggaat atttttcatc agtggagcaa ctgctgtagc 720
ttcctctgaa tgggacagca tctgcctgaa tgcacgttct tctttgtgat aatctaaact 780
tagtgtaagt acaaatcaca gaagaaatta aagttttcat ctttaatgaa atgactttgg 840
aaataacgta cattcccatg acaccaatac tacagttttc ggagtcacag taagatacac 900
agaattacat ccgtaattaa tatgaatgcc aacatgtcaa gcagtaattt gttacatggc 960
aaacaaaatc aagaaagcaa ccatcaaaca aaagagaccc atagcttcag acaaggcaaa 1020
tcccaggata gcatatgaga acagctgctg cttcagcgaa gggtttctgg cataaccaat 1080
gataaggctg ccaaagactg ttccaatacc agcaccagaa ccagccactc ctactgttgc 1140
agcacctgca ccaataaatt tggcagcagt atcaatgtct ctgctgattg cactgggtctg 1200
aaactccctt tggattagct gagacacacc attctgggcc ccattaaata ccgtagagcc 1260
ctctccagtc ctactagcct ctggtcgaga taacactgat gcagaaattg gtctgtatgc 1320

```


aactctggat	ccagctcggg	tcagagaggg	ggtgcaggcg	agcttggcgc	aggcgaacat	1380
cttacactct	tcgggactgc	gcggctggag	atattgggtg	acaggagacg	tgggctcctc	1440
tcccgcttcc	tctctgcgga	ggaaaagagg	cttaagggtca	agtgccctcc	aggggcctgt	1500
tcttcccacc	caggctccgc	aggctcccg	gcacgccgtc	agcttggggc	ccgtgcccag	1560
tgaggcgccg	gcacaatgaa	tgggtcccta	ctgggcgccg	ctccgccctg	gccaggccgg	1620
gctccctgtg	ccctcca					1637

```

<210> 7050
<211> 736
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (713)...(235)
<223> similar to gi37543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7050						
tttttttttt	ttaactgaaa	gagttgacaa	ttttattttc	acatttccca	atacaaagga	60
aaactgcatc	ttttttgtcc	cacttctccc	ctccaaaact	attctctttc	ataggacagg	120
ggagcaagtc	ttccttatgc	tgttttagaaa	actcagtatc	acagcagcat	gatctcctgg	180
tgaagcagaa	caggtaatat	aaaaccgata	caataaggcc	tcccctctat	ccttatctgt	240
ctgggtcgagt	cattccgggc	cgagtgggca	ccatcatggg	acgggcagga	ggtctcatca	300
ttggggggccc	aggcatcatt	ggcatatggc	ctcccatggg	cggcctcatt	ccaggagcag	360
gtcccactgg	catcatccca	ggaggaggag	ggcccatcat	tggcatcatg	ggagggcccc	420
ccatatgggg	tgctggcatc	ataccagggc	gaggaggacc	cggaaggctg	gggggaggtg	480
gtatcatcgc	ccctgcagga	ggaggagcag	agaatggagt	aggagggtatc	tttccttggt	540
gaaatgcagc	cgttggtttg	tcaatcaggc	tctgagcctg	ctcttccatc	catttctgat	600
aatagtcttt	cacattctct	ttgtgtttcc	ttccactgca	gtgtgtcttt	ctcacagatg	660
gagagtcatg	ggtgaggtat	gtatcgcagt	agtcacaata	aaacttgggc	atgttgctct	720
gcaggccggt	ggccac					736

```

<210> 7051
<211> 1535
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1429)...(623)
<223> similar to gi5102582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	7051					
tttttttttt	ttatgttttc	agggtttttta	atgactgaca	aaatatctcct	aatcaacct	60
tttataaaaa	aaaaaaaaata	aatatgtttc	atctgaattc	acaaagacaa	acctgtctgc	120
aaatactaag	tacaaattat	tctggactgg	gacatggcaa	atctgattta	gtacaaattc	180
agttttttaa	aggaccctct	ttccaaatag	tgttcttatg	taacatttaa	tttttatgcc	240
tattattttca	atgacacacc	tagttttttgc	ttttctaagc	actgttccct	acattttttaa	300
agcatatttt	atttcagagt	gcaacagaaa	ctagcttgtg	gcctattaag	ctactaggaa	360
gagcatcggt	tatgccactg	tatgccttct	taggccattt	atcattttctc	tacacttgat	420
tgctcactgg	ctattcaaaa	ttggaatgtg	atacagcagt	tctgtctgaa	cgtgtaccaa	480
ctgtgaaact	acatggctaa	acaattatgg	ctaaactatt	tttgttacca	attttaaata	540
tctgttaaaga	atttctcaag	gagtaaggtt	aatgagcaag	attaaaatgg	cagcagcaga	600
tccaattgcg	ttttcttttt	cataagccta	aaagcatcgc	ggtgtgtttc	agagctgtct	660
cctctacaaa	ttctgcatcc	acattgtcat	gtccttcaaa	aggatacagg	gcttgattgg	720
aggactctat	atctgtcaga	atttcaatga	agtagttcag	aggcagaaat	tctactactga	780
acgatgactt	gttaatcata	gaattccgag	gctgtttctt	atagttctga	agcagtcgcg	840
tcacgtgggt	ccgcgaaatg	atgttagaac	tcataggatg	atcccaaagt	ctacaaatct	900
tctgcccatt	aagcggagga	agccgcacaa	tgatactgaa	tttcagtttt	tcattttttct	960
ctgtattatc	cagatctttc	atgagcctta	tgacagctgt	ttcagtgaga	agcaacactc	1020
cactgtcaat	gcaatgcagc	aggttatgca	aaggggagaca	ctggacccccg	aggatggtgt	1080
gcagagtatg	aaaaccagga	ggcagaggta	aaaacaaact	gtttgtagct	tccagaatcc	1140
tggtcatgat	gtgaaaaact	gcaaattcag	cagcactgcc	acgactattg	aagtggagaa	1200
ccaggaatga	aagattatgt	ttcctccaat	tggtttctac	gatgtggcaa	atgagatcca	1260
gcagtttttg	aatgtagtcc	agaaccatct	gttcaatttt	cttctttttct	acaccctgta	1320
ggtgtctcaa	aaaatggctc	tttagctcag	acaccattcag	ccccatgagc	agccgctggt	1380
ggctgtcttc	ctcctgcagg	aggggtgtta	atcttggccc	caaatttctt	gcttctaggt	1440
tagaaatcac	ctgttctgca	ttatcaagaa	tattcctcac	gtaagccgca	gaccttcttt	1500
ttcctgtttt	ctaggagtga	gcggacgcgt	gcgtc			1535

```
<210> 7052
<211> 1011
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1012)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (210)...(717)
<223> similar to gi2282040 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7052						
gtgcaagaat	taaaaatacc	gagacagccc	taggtggaaa	acttcgggaa	ggcccaagcg	60
ttcgtaaggg	ctctctaccc	cgctcggagc	atagatggta	ccgtccggaa	gtccggggcg	120
agaccgtagc	tgcgcttctc	gcgaaagggc	aggcatcgcg	gggctggcca	cttcctgact	180
tccgctttcc	ggccccacca	gcgcccgcga	tgactgccac	tctccgcccc	tacctgaqtg	240

[illegible]

```
<220>
<221> misc_feature
<222> (1)...(985)
<223> n = a,t,c or g
```

<400> 7053

5712

<210> 7054
 <211> 3612
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (176)...(2654)
 <223> similar to gi33834 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7054

ggcgaatgga	gcagggggcgc	gcagataatt	aaagattttac	acacagctgg	aagaaatcat	60
agagaagccg	ggcgtggtgg	ctcatgccta	taatcccagc	acttttggag	gctgaggcgg	120
gcagatcact	tgagatcagg	agttcgagac	cagcctgggtg	ccttggcatc	tcccaatggg	180
gtggctttgc	tctgggctcc	tgttccctgt	gagctgcctg	gtcctgctgc	aggtggcaag	240
ctctgggaac	atgaaggtct	tgcaggagcc	cacctgcgtc	tccgactaca	tgagcatctc	300
tacttgcgag	tggaagatga	atgggtccac	caattgcagc	accgagctcc	gcctgttgta	360
ccagctgggt	tttctgctct	ccgaagccca	cacgtgtgtc	cctgagaaca	acggaggcgc	420
ggggtgcgtg	tgccacctgc	tcatggatga	cgtggtcagt	gcggataact	atacactgga	480
cctgtgggct	gggcagcagc	tgctgtggaa	gggtcccttc	aagcccagcg	agcatgtgaa	540
acccagggcc	ccaggaaacc	tgacagttca	caccaatgtc	tccgacactc	tgctgctgac	600
ctggagcaac	ccgtatcccc	ctgacaatta	cctgtataat	catctcacct	atgcagtcaa	660
catttgaggt	gaaaacgacc	cggcagattt	cagaatctat	aacgtgacct	acctagaacc	720
ctccctccgc	atcgcagcca	gcacctgaa	gtctgggatt	tcctacaggg	cacgggtgag	780
ggcctgggct	cagtgtctata	acaccacctg	gagtggagtgg	agccccagca	ccaagtggca	840
caactcctac	agggagccct	tcgagcagca	cctcctgctg	ggcgtcagcg	tttcctgcat	900
tgtcatcctg	gccgtctgcc	tgttgtgcta	tgtcagcatc	accaagatta	agaaagaatg	960
gtgggatcag	attcccaacc	cagcccgcag	ccgcctcgtg	gctataataa	tccaggatgc	1020
tcaggggtca	cagtgggaga	agcgggtccg	aggccaggaa	ccagccaagt	gcccacactg	1080
gaagaattgt	cttaccaagc	tcttgccctg	ttttctggag	cacaacatga	aaagggatga	1140
agatcctcac	aaggctgcca	aagagatgcc	tttccagggc	tctggaaaat	cagcatggtg	1200
cccagtggag	atcagcaaga	cagtcctctg	gccagagagc	atcagcgtgg	tgcatgtgt	1260
ggagttgttt	gaggcccccg	tggagtgtga	ggaggaggag	gaggtagagg	aagaaaaagg	1320
gagcttctgt	gcatcgccctg	agagcagcag	ggatgacttc	caggagggaa	gggagggcat	1380
tgtggccccg	ctaacagaga	gcctgttcct	ggacctgctc	ggagaggaga	atgggggctt	1440
ttgccagcag	gacatggggg	agtcatgcct	tcttccacct	tcgggaagta	cgagtgtctca	1500
catgccctgg	gatgagttcc	caagtgcagg	gcccaggag	gcacctccct	ggggcaagga	1560
gcagcctctc	cacctggagc	caagtcctcc	tgccagcccg	acccagagtc	cagacaacct	1620
gacttgacac	gagacgcccc	tcgtcatcgc	aggcaacctc	gcttaccgca	gcttcagcaa	1680
ctccctgagc	cagtcaccgt	gtcccagaga	gctgggtcca	gacctactgc	tggccagaca	1740
cctggaggaa	gtagaaccog	agatgcctg	tgtccccag	ctctctgagc	caacctgt	1800
gccccaaact	gagccagaaa	cctgggagca	gatcctccgc	cgaaatgtcc	tccagcatgg	1860
ggcagctgca	gcccccgctc	cggccccac	cagtggctat	caggagtttg	tacatgcggt	1920
ggagcagggg	ggcaccaggg	ccagtgcggt	ggtgggcttg	ggtccccag	gagaggctgg	1980
ttacaaggcc	ttctcaagcc	tgcttgccag	cagtgtctgtg	tccccagaga	aatgtggggt	2040
tggggctagc	agtggggaag	aggggtataa	gcctttccaa	gacctcattc	ctggctgccc	2100
tggggaccct	gccccagtc	ctgtccctt	gttcaccttt	ggactggaca	gggagccacc	2160
tcgcagtc	cagagctcac	atctcccaag	cagctcccca	gagcacctgg	gtctggagcc	2220
gggggaaaag	gtagaggaca	tgccaaagcc	cccacttccc	caggagcagg	ccacagaccc	2280
ccttgtggac	agcctgggca	gtggcattgt	ctactcagcc	cttacctgcc	acctgtgcgg	2340

ccacctgaaa	cagtgtcatg	gccaggagga	tgggtggccag	acccctgtca	tggccagtcc	2400
ttgctgtggc	tgctgtctgtg	gagacagggc	ctcgccccct	acaaccccc	tgagggcccc	2460
agacccctct	ccaggggggg	ttccactgga	ggccagtctg	tgtccggcct	ccctggcacc	2520
ctcgggcatc	tcagagaaga	gtaaatcctc	atcatccttc	catcctgccc	ctggcaatgc	2580
tcagagctca	agccagaccc	ccaaaatcgt	gaactttgtc	tccgtgggac	ccacatacat	2640
gagggctctt	taggtgcatg	tctctttgtt	gctgagtctg	cagatgagga	ctagggctta	2700
tccatgcctg	ggaaatgcca	cctcctggaa	ggcagccagg	ctggcagatt	tccaaaagac	2760
ttgaagaacc	atggtatgaa	ggtgattggc	cccactgacg	ttggcctaac	actgggctgc	2820
agagactgga	ccccgcccag	cattgggctg	ggctcgccac	atcccatgag	agtagagggc	2880
actgggtcgc	cgtgccccac	ggcaggcccc	tgcaggaaaa	ctgaggccct	tgggcacctc	2940
gacttgtgaa	cgagttgttg	gctgctccct	ccacagcttc	tgcagcagac	tgtccctgtt	3000
gtaactggcc	aaggcatggt	ttgcccacca	gatcatggcc	cacatggagg	cccacctgcc	3060
tctgtctcac	tgaactagaa	gccgagccta	gaaactcagg	cagccatcaa	gggaatgact	3120
tgggcggcct	tgggaaatcg	atgagaaatt	gaacttcagg	gagggtggtc	attgcctaga	3180
ggtgtcatt	catttaacag	agcttcctta	ggttgatgct	ggaggcagaa	tcccggctgt	3240
caaggggtgt	tcagttaagg	ggagcaacag	aggacatgaa	aaattgctgt	gactaaagca	3300
gggacaattt	gctgccaaac	acccatgccc	agctgtatgg	ctgggggctc	ctcgtatgca	3360
tggaaccccc	agaataaata	tgtcagcca	ccctgtgggc	cgggcaatcc	agacagcagg	3420
cataaggcac	cagttaccct	gcatgttggc	ccagacctca	ggtgctaggg	aaggcgggaa	3480
ccttgggttg	agtaatgctc	gtctgtgtgt	tttagtttca	tcacctgtta	tctgtgtttg	3540
ctgaggagag	tggaacagaa	ggggtggagt	tttgtataaa	taaagtttct	ttgtctcttt	3600
aaaaaaaaaa	aa					3612

<210> 7055

<211> 907

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(817)

<223> similar to gi3327976 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7055

gggcagaccc	ggagggaaacg	gaggaagcgg	tcatgtctcg	ctacacgagg	ccccccaaca	60
cctccctgtt	catcaggaac	gtcgcggacg	ccaccaggcc	tgaggacttg	cgccgtgagt	120
ttggctgata	tggccctata	gtagacgttt	acattccact	tgacttctac	actcgccgcc	180
caagaggatt	tgcttatggt	caatttgaag	atgttcgaga	tgctgaagat	gctctttata	240
acctcaatag	aaagtgggta	tgtggccgct	agattgaaat	acagtttgca	caaggtgatc	300
gcaaaacacc	aggccaaatg	aaatcaaaag	aacgtcatcc	ttgttctcca	agtgatcaca	360
ggagatcaag	agccccagc	caaagaagaa	ctcgaagtag	aagttcttca	tggggaagaa	420
ataggaggcg	gtcagacagc	cttaaagagt	ctcgacacag	gcgattttct	tatagccagt	480
ctaaatctcg	ttccaaatca	ttaccaaggc	ggtctacctc	agcaaggcag	tcaagaactc	540
caagaaggaa	ttttggctct	agaggacggt	caaggtccaa	gtccttacia	aagaggcca	600
agtcaatagg	aaaatcacag	tcaagttcac	ctcaaaagca	gactagctca	ggaacaaaat	660
caagatcaca	tggaagacat	tctgactcaa	tagcaagatc	cccgtgtaaa	tctcccaaag	720
ggtataccaa	ttttgaaact	aaagtacaaa	cagcaaagca	ttctcatttt	cggtcacatt	780
ccagatctcg	aagttatcgt	cataaaaaca	gttggtgaac	agcaacagaa	agagccccac	840
cccgtcttta	atataagtta	ttaaactctc	attatgttaa	ataaaaattc	tttaaggcat	900

```

<210> 7056
<211> 1089
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (358)...(1033)
<223> similar to gi31100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7056
gcgtcttcgg tcatctccgg cgcttctagg gctggttccc gtcattctcg ggagccgtgg      60
aggtacgaac ttaagacatg cctattttat taatttactt ccaaacgcaa cgaaaggtcc      120
atggacaatt tgtggggccat ttaattcagg gcccccaatt cgtaacgtgga gaagtgggaa      180
tgcaaaaagta ctttgacctt taaccttcgg tccggcgcgcg tggaggggaaa cgcctccgtc      240
tctatataag gaattttccg gtctcttcgg gtcctttttc ctctcttcag cgtggggcgcg      300
ccacaatttg cgcgctctct ttctgctgct ccccgctctc cggatacagc cgacacccatg      360
ggtttcggag acctgaaaag ccctgccggc ctccaggtgc tcaacgatta cctggcggac      420
aagagctaca tcgaggggta tgtgccatca caagcagatg tggcagtatt tgaagccgtg      480
tccagcccac cgcctgccga cttgtgtcat gccctacgtt ggtataatca catcaagtct      540
tacgaaaagg aaaaggccag cctgccagga gtgaagaaag ctttgggcaa atatggtcct      600
gccgatgtgg aagacactac aggaagtggg gctacagata gtaaagatga tgatgacatt      660
gacctctttg gatctgatga tgaggaggaa agtgaagaag caaagaggct aagggaagaa      720
cgtcttgcac aatatgaatc aaagaaagcc aaaaaacctg cacttggtgc caagtcttcc      780
atcttactag atgtgaaacc ttgggatgat gagacagata tggcgaaatt agaggagtgc      840
gtcagaagca ttcaagcaga cggcttagtc tggggctcat ctaaaactagt tccagtggga      900
tacggaatta agaaacttca aatacagtgt gtagttgaag atgataaagt tggaacagat      960
atgctggagg agcagatcac tgcttttgag gactatgtgc agtccatgga tgtggctgct     1020
ttcaacaaga tctaaaatcc atcctggatc atggcattta aataaaagat tgaaagatta     1080
aaaaaaaaa                                     1089

```

```

<210> 7057
<211> 1575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(1064)
<223> similar to gi6003654 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	7057					
ggagtccccc	gcgccccccg	cgttcgcgcc	ggccatggct	gcggtggcgc	tgatgccacc	60
gccgctgctg	ctgctgctgc	tgttggcgtc	gccgccgcc	gcctccgcgc	cgccgcccg	120
cgatcccttc	gccccccagc	tcggggacac	gcagaactgc	cagctgcggt	gccgcgaccg	180
cgacctcggc	ccgcagccct	cgcaggcggg	gctggagggc	gcctccgagt	ctccctatga	240
cagagccggt	ctgatcagcg	cttgcgagcg	tggctgccgc	ctcttctcca	tctgccgatt	300
tgtggccaga	agctccaagc	ccaatgccac	caaactgag	tgtgaagcag	cctgcgtgga	360
agcctatgtg	aaggaggcag	agcagcaggc	ctgtagccac	ggctgctgga	gccagcccgc	420
ggagcctgag	ccggagcaga	agagaaaagg	cctggaggct	ccaagtgggg	ccctctccct	480
cttggacttg	ttttccaccc	tctgcaatga	ccttgtcaac	tcagcccagg	gatttgtctc	540
ctccacctgg	acatactact	tgcagactga	caatgggaaa	gtggtggtgt	ttcagactca	600
gcccatagtg	gagagcctcg	gcttccaggg	gggccgtctg	cagcgcgtgg	aggtgacctg	660
gcgaggctcc	caccctgaag	ccctggagg	gcacgtggac	cctgtaggcc	ccctggacaa	720
ggtgaggaag	gccaagatcc	gagtcaagac	cagcagcaag	gccaaggtgg	agcttgaaga	780
gccacaggac	aatgacttcc	tcagttgcat	gtcccgcgc	tcgggtctgc	ctcgctggat	840
cctggcctgc	tgcctcttcc	tctccgtgct	ggtgatgctg	tggctgagct	gctccaccct	900
ggtgaccgcg	cctggccagc	acctcaagtt	ccagcctctg	accttgagc	agcacaagg	960
cttcatgatg	gagcccgatt	ggccctgta	cccgcgcgcg	tcccacgcct	gtgaggacag	1020
cctaccaccc	tacaagctga	agctggacct	gaccaagctg	taggcctcca	ctggccccat	1080
cactgccaac	tgcagggggc	ccctcgggcc	tacttgccc	tgagcccagg	gagtccaagg	1140
gcagggtggg	tccagccttg	agccctcca	ccccaaatc	cttctctcc	tcccagaccc	1200
acccttgcc	ccacggagtc	ctggggacgc	agtgccccag	ctgggaagag	ggcgggatcg	1260
ggcactggtt	cctccttgtc	cccgttttct	tgggggcttg	ctactttttg	tcttctattg	1320
tgtggctttc	tgagtatttg	aaccccagtc	ctgtgtcacc	ttcctttttc	cttctctgtc	1380
ccctctctgc	gggggggcgc	tgaggctgag	ggggagctgc	gtcttgctag	ggcttcccc	1440
ttctcccat	cccgtctcc	agagacccag	cttctgagag	acagggtgtg	ggcatctcca	1500
tgccctata	aagcgtgcct	ggggcttgtc	tggggctggg	gaggaataaa	ccatgtatat	1560
aaaagaaaaa	aaaaa					1575

```
<210> 7058
<211> 1957
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (410)...(1959)
<223> similar to gi2887453 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7058						
ctcggaag	cttttcagta	aatgcactca	tgtctgtcca	ggagctcttc	tctgcaacaa	60
gccacccatc	tgccatcaac	aagttaagac	caagagaact	aacggctgcg	gaaatgagac	120
tgaagctttg	attaaccagc	tgagcagtta	gaggtggaga	aatttaataa	cttatattca	180
aaactgattt	agggatcaga	gcaatcacag	aaaatgaaac	caatgctttc	cagagggata	240
tcctaaggaa	aaaacaactc	gtcctgggtg	attcaatttt	acttggaag	cctgggacac	300
agaaaacagg	aaactggtca	aaggctccta	catgttagag	ccttttacag	actcactgcg	360
ttgagtctaa	caaccgcgac	tgaatgcagc	ctccaatgtg	ctcagaagaa	tggtcttaca	420

tttcaagtgg	ccattagggg	cccctatgct	ggcagcaata	tatgcaatga	gtatggtttt	480
aaaaatgctg	cctgccctgg	gtatggcggtg	tccacccaaa	tgccgctgcg	agaagctgct	540
cttctactgc	gactctcagg	gcttccactc	agtgccaaac	gccacagaca	agggctctct	600
gggcctgtcc	ctgaggcaca	atcacatcac	agagctcgaa	agagatcaat	ttgccagctt	660
cagtcaactt	acttggctcc	acttagatca	caatcaaatt	tcaacagtaa	aagaagatgc	720
ttttcaagga	ctatataaac	ttaaggaatt	aatcttaagt	tccaacaaaa	tattttactt	780
gccaaacaca	acttttacc	aactgattaa	cctgcaaaat	ttggacctgt	cttttaatca	840
gctgtcatct	ctgcacccag	agctcttcta	tggccttcgg	aagctgcaga	ccttgcattt	900
acgttccaac	tccctgcgga	ctatcccagt	acgcctgttc	tgggactgtc	gtagtctgga	960
gtttctggat	ttgagcacia	atcgtttgcg	aagtttggtc	cgcaatggat	ttgcaggatt	1020
aattaaactg	agagagcttc	acctagagca	caaccagctg	acgaagatta	attttgcctca	1080
tttctacgg	ctaagcagtc	tgcacagcct	cttcttacia	tggaaacaaa	tcagcaactt	1140
gacatgtggg	atggagtggg	cctggggcac	tttagaaaag	ctagacctga	ctggaaatga	1200
aatcaaagcc	atcgacttga	cagtgtttga	aacgatgcc	aatcttaaaa	tactactcat	1260
ggataacaac	aagttaaaca	gccttgattc	caagatctta	aactccctga	gatccctcac	1320
aaccgttggt	ctctctggca	atctgtggga	atgcagcgcc	cgaatatgtg	ctctggcctc	1380
ctggctgggc	agtttccaag	gtcgggtggg	acactccatc	ctatgccaca	gtcctgacca	1440
cacccaagga	gaggatattc	tagatgcagt	ccatggattt	cagctctgct	ggaatttgct	1500
aaccactgtc	actgtcatgg	ctacaactta	tagagatcca	accactgaat	atacaaaaag	1560
aataagctca	tcaagttacc	atgtgggaga	caaagaaatc	ccaactactg	caggcatagc	1620
agttactacc	gaggaacact	ttcctgaacc	agacaatgcc	atcttccactc	agcgggtaat	1680
tacgggaaca	atggctttat	tgttttcttt	cttttttatt	attttttatag	tgttcatctc	1740
caggaagtgc	tgccctccca	ctttaagaag	aattaggcag	tgctcaatgg	ttcagaacca	1800
caggcagctc	cgatcccaaa	cacgactcca	tatgtcaaac	atgtcagacc	aaggaccgta	1860
taatgaatat	gaacccaccc	atgaaggacc	cttcacatc	attaatgggt	atggacagtg	1920
caagtgtcag	cagctgccat	acaaagaatg	tgaagta			1957

```
<210> 7059
<211> 1900
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (130)...(1514)
<223> similar to gi32105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7059						
gaggcggggc	gcgggcgtgc	agcggcgcag	gctccgcccc	ggggcgcgtct	ccagccggggg		60
gcgccgagcc	gctccagtcc	ccggcgcgcc	gcgggctggt	gggctcagcg	gcggcgccgg		120
cactgggaaa	tgaccctgcc	cgggggccca	acgggcatgg	cgcgcccggg	gggcgcgagg		180
ccctgcagcc	cggggctgga	gcgggccccg	cgccggagtg	tcggggagct	gcgcctgtct		240
ttcagggcgc	gctgtgcggc	ggtcgctgcg	gccgcgcgcg	cgggggagcc	ccgggccccg		300
ggggccaagc	ggcgtggggg	acaggtcccc	aacgggcttc	cgcgggctcc	cccgcccccg		360
gtgatccctc	agctgaccgt	gacagccgag	gagcccga	tgcccccgac	cagccctggg		420
ccgcgggagc	gggagaggga	ctgcctcccg	gcagcgggct	cttcgcacct	gcagcagccg		480
cgccgccttt	ccacctcgtc	ggtctcctcc	actggctcct	cgtcgctgct	cgaggactcg		540
gaggacgacc	tgctgagcga	cagtgcgagc	cggagccgcg	gcaacgtgca	gctggaagcg		600
ggcgaggacg	tgggtcagaa	aaaccactgg	cagaagatcc	ggaccatggt	caatctgccg		660


```

gtcataagcc ctttcaagaa gcgctacgcc tgggtgcagc tggcagggca cactgggagt 720
tttaaggcgg cgggcaccag cgggctgac ctgaagcgct gctcggagcc ggagcgctac 780
tgcttgccgc ggctgatggc tgacgcgctg cgcggctgcg tgctgcctt ccacggcgtg 840
gtggagcgcg acggcgaaag ctacctgcag ctgcaggacc tgctcgatgg ctccgacgga 900
ccttgtgtgc togactgcaa aatgggcgtc aggacttacc tagaggagga gctgaccaag 960
gcccgtaggc ggcccaagct gcggaaggac atgtacaaga aaatgctggc ggtggatcct 1020
gaagctccca cggaggagga gcacgcgcag cgcgcgctca ccaagccgcg ctacatgcag 1080
tggcggaag gcatcagctc cagcaccacc ctcggttcc gcatcgaggg catcaagaaa 1140
gcggacggct cctgcagcac cgacttcaag actacgcgaa gccgagagca ggtgcttcgc 1200
gtctttgaag agtttgtagc aggagatgag gaagtgtga ggcggtatct gaaccgcctg 1260
cagcagatcc gggacaccct ggaggtatcc gagttcttca ggaggcacga ggtgatcggc 1320
agctcgctcc tctttgtgca cgatcactgc catcgccgcg gcgtgtggct catcgacttc 1380
ggcaagacca accccctccc cgtatggcag atcctggacc accggcggcc ctgggaggag 1440
ggcaaccgcg aggaacggcta tttgctgggg ctggacaatc tcattggcat cctggccagc 1500
ctggctgaga gatgaggctg gactcctgtc cccgcgggcc gctcacctga catgtggacc 1560
tgcagctttg tccccactgt gcatgccggc ttgagactgg agccccgcgg tgcagggcag 1620
ttcaccgggt cctgcaggac caggtgccag ccactaaggg ggggcaccgc cgatgccagg 1680
ggttttgccc acccgggccc cagcgttccc agagccaaat gacactaact tatagaaggg 1740
gagggggcaa agggcttctt cctcaggcca gctcttctga ggaggctctg ccctctccag 1800
aggtgccaga ccgcggattt tatttagcaa gccagacct tccggtctaa cgtctcacac 1860
cacgacggac tccccttctt aataaaactc aaagacaaaa 1900

```

```

<210> 7060
<211> 2546
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (300)...(1913)
<223> similar to gi957217 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7060
tttcgtcaag cagggacaca cgcagacaca cgcacactcg cgcgcgcata ctcccgccag 60
cctgccccgc tgcctgcggc cgcccggagc ccgctctggc cgctggatga tctgaagctg 120
ccctctctcc ttcatattata tcaccagctt gctttttgct gagaaagctt cctgccctgg 180
aagatggcac ccttccccat ccagacacct tgggaatgaa ttatgaggga gccaggagtg 240
agagagagaa ccacgctgct gatgactccg agggaggggc cctggacatg tgctgcagtg 300
agaggctacc gggctctccc cagccgatag tgatggaggc actggacgag gctgaagggc 360
tccaggactc acagagagag atgcccgcac cccctctctc ctgcgccccc tcagatccag 420
ctcagaagcc accacctoga ggcgctggga gccactccct cactgtcagg agcagcctgt 480
gcctgttcgc tgcttcacag ttctgcttg cctgtggggg gctctgggtc agcggttatg 540
gccacatctg gtcacagaac gccacaaacc tcgtctcttc tttgctgacg ctctgaaac 600
agctggaacc cacggcctgg cttgactctg ggacgtgggg agtccccagt ctgctgctgg 660
tctttctgtc cgggggcctg gtccctcgta ccacctggg gtggcacctc ctgaggacac 720
ccccagagcc acccacccca ctgccccctg aggacaggcg ccagtcagtg agccgccagc 780
cctccttcac ctactcagag tggatggagg agaagatcga ggatgacttc ctggacctcg 840
acccggtgcc cgagactcct gtgtttgatt gtgtgatgga catcaagcct gaggctgacc 900
ccacctcact cacogtcaag tccatgggtc tgcaggagag gaggggttcc aatgtctccc 960

```

tgaccctgga	catgtgcact	ccgggctgca	acgaggaggg	ctttggctat	ctcatgtccc	1020
cacgtgagga	gtccgcccgc	gagtacctgc	tcagcgccctc	ccgtgtcctc	caagcagaag	1080
agcttcatga	aaaggccctg	gaccctttcc	tgctgcaggc	ggaattcttt	gaaatcccca	1140
tgaactttgt	ggatccgaaa	gagtacgaca	tccctgggct	ggtgcggaag	aaccggtaca	1200
aaaccatact	tcccaaccct	cacagcagag	tgtgtctgac	ctcaccagac	cctgacgacc	1260
ctctgagttc	ctacatcaat	gccaaactaca	tccggggcta	tgggtggggag	gagaagggtgt	1320
acatcgccac	tcagggaccc	atcgctcagca	cggtcgccga	cttctggcgc	atggtgtggc	1380
aggagcacac	gcccattcatt	gtcatgatca	ccaacatcga	ggagatgaac	gagaaatgca	1440
ccgagtattg	gccggaggag	caggtggcgt	acgacgggtgt	tgagatcact	gtgcagaaaag	1500
tcattcacac	ggaggattac	cggctgcgac	tcattctccct	caagagtggg	actgaggagc	1560
gaggcctgaa	gcattactgg	ttcacatcct	ggcccgacca	gaagacccca	gaccgggccc	1620
ccccactcct	gcacctgggtg	cgggagggtgg	aggaggcagc	ccagcaggag	gggccccact	1680
gtgcccccat	catcgctccac	tgcagtgcag	ggattgggag	gaccggctgc	ttcattgcca	1740
ccagcatctg	ctgccagcag	ctgcggcagg	aggggtgtagt	ggacatcctg	aagaccacgt	1800
gccagctccg	tcaggacagg	ggcggcatga	tccagcactg	cgagcagtac	cagtttgtgc	1860
accacgtcat	gagcctctac	gaaaagcagc	tgtcccacca	gtccccagaa	tgactgcgct	1920
tctcctacaa	gggtctctgg	gcactgccca	gcctgagttct	cggccctcac	ccagggccct	1980
gcctcgggtc	ctgggcctgc	tccccgcttc	ctcccccttca	gtcagctccc	tctgtcctct	2040
gtcagcctgg	cctgaccctt	accctccagc	attgctcttc	ctactgtaca	tattggggag	2100
tggggggcag	ggtcgggaag	ggacatgccca	ggccaggcct	ggggccccgg	ggcctgaccc	2160
acaccacgca	gaccccgggc	tccagttttt	aacgatgggt	ccatcaatac	ctgatccaga	2220
atgtttccgt	gctacacttt	gtgtcctgct	gcaatgtgtt	ctgtctgtcc	atccatctct	2280
gccctctgta	ccggacactg	tgtctcctca	gccaggaagg	ggtaatgagc	tccagcccct	2340
aagcaaccgg	acttgccctgc	ctcggcctca	cccgcacttc	tcccaaaaagg	cagatgacgg	2400
ggagttaggc	atggggagct	ccagaagggtc	accagagagc	tttcagctga	gggagagttc	2460
tctaggttgg	agtgggcac	acagccaggg	tggcctctgg	gtgtcagatg	ctctcaggag	2520
ggtgcccagc	ctgtgaggca	ctggca				2546

<210> 7061
 <211> 2986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (269)...(1419)
 <223> similar to gi5566614 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7061						
attgaccgcc	tattagaccg	cctgcagaat	tcggacgagc	ttgaaccggg	gcattgctgc	60
tgtcaaggag	gatgcagtcg	agatgctggc	cagctacggg	ctggcgctact	ccctcatgaa	120
gttcttcacg	ggtcccatga	gtgacttcaa	aaatgtgggc	ctgggtgtttg	tgaacagcaa	180
gagagacagg	accaaagccg	tcctgtgtat	ggtgggtggca	ggggccatcg	ctgccgtctt	240
tcacacactg	atagcttata	gtgatttagg	atactacatt	atcaataaac	tgcaccatgt	300
ggacgagtcg	gtggggagca	agacgagaag	ggccttctctg	tacctcgccg	ccttttccttt	360
catggacgca	atggcatgga	cccatgctgg	cattctctta	aaacacaaat	acagtttctt	420
ggtgggatgt	gcctcaatct	cagatgtcat	agctcagggt	gtttttgtag	ccattttgct	480
tcacagtcac	ctggaatgcc	gggagcccct	gctcatcccg	atcctctcct	tgtacatggg	540
cgcacttggtg	cgctgcacca	ccctgtgcct	gggctactac	aagaacattc	acgacatcat	600

ccctgacaga	agtggcccg	agctggggg	agatgcaaca	ataagaaaga	tgctgagctt	660
ctgggtggcct	ttggctctaa	ttctggccac	acagagaatc	agtcggccta	ttgtcaacct	720
ctttgtttcc	cgggaccttg	gtggcagttc	tgcagccaca	gaggcagtg	cgattttgac	780
agccacatac	cctgtgggtc	acatgccata	cggctggttg	acggaaatcc	gtgctgtgta	840
tcctgctttc	gacaagaata	accccagcaa	caaactggtg	agcacgagca	acacagtcac	900
ggcagcccac	atcaagaagt	tcaccttcgt	ctgcatggct	ctgtcactca	cgctctgttt	960
cgtgatgttt	tggacaccca	acgtgtctga	gaaaatcttg	atagacatca	tcggagtgga	1020
ctttgccttt	gcagaactct	gtgttggtcc	tttgcggtc	ttctccttct	tcccagttcc	1080
agtcacagt	agggcgcatc	tcaccgggtg	gctgatgaca	ctgaagaaaa	ccttcgtcct	1140
tgcccccagc	tctgtgctgc	ggatcatcgt	cctcatcgcc	agcctcgtgg	tcctacccta	1200
cctgggggtg	cacgggtgca	ccctgggcgt	gggtccctc	ctggcgggct	ttgtgggaga	1260
atccaccatg	gacgccatcg	ctgcgtgcta	tgtctaccgg	aagcagaaaa	agaagatgga	1320
gaatgagtcg	gccacgggag	gggaagactc	tgccatgaca	gacatgcctc	cgacagagga	1380
ggtgacagac	atcgtggaaa	tgagagagga	gaatgaataa	ggcacgggac	gccatgggca	1440
ctgcagggac	agtcagtcag	gatgacactt	cggcatcatc	tcttccctct	cccatcgta	1500
tttgttccct	ttttttgtt	ttgttttgg	aatgaaagag	gccttgattt	aaaggtttcg	1560
tgtcaattct	ctagcatact	gggtatgctc	acactgacgg	ggggacctag	tgaatgggtc	1620
ttactgttgc	tatgtaaaaa	caaacgaaac	aactgacttc	ataccccctg	ctcacgaaaa	1680
cccaaaagac	acagctgcct	cacggttgac	gttgtgtcct	cctccccctg	acaatctcct	1740
cttgaacca	aaggactgca	gctgtgccat	cgcgcctcgg	tcaccctgca	cagcaggcca	1800
cagactctcc	tgtccccctt	catcgctctt	aagaatcaac	aggttaaaac	tcggcttcct	1860
ttgatttgct	tcccagtcac	atggccgtac	aaagagatgg	agccccgggtg	gcctcttaaa	1920
tttcccttcc	gccacggagt	tcgaaaccat	ctactccaca	catgcaggag	gcgggtggca	1980
cgtgcagcc	cggagtcccc	gttcacactg	aggaacggag	acctgtgacc	acagcaggct	2040
gacagatgga	cagaatctcc	cgtagaaaag	tttggtttga	aatgccccgg	gggcagcaaa	2100
ctgacatggt	tgaatgatag	catttctactc	tgcgttctcc	tagatctgag	caagctgtca	2160
gttctcacc	ccaccgtgta	tatacatgag	ctaacttttt	taaattgtca	caaaagcgca	2220
tctccagatt	ccagaccctg	ccgcatgact	tttcctgaag	gcttgctttt	ccctcgcctt	2280
tcctgaaggt	cgcattagag	cgagtcacat	ggagcatcct	aactttgcat	tttagttttt	2340
acagtgaact	gaagctttaa	gtctcatcca	gcatttcta	gccaggttgc	tgtagggtaa	2400
cttttgaagt	agatatatta	cctggttctg	ctatccttag	tcataactct	gcggtacagg	2460
taattgagaa	tgtactacgg	tacttccctc	ccacaccata	cgataaagca	agacatttta	2520
taacgatacc	agagtcacta	tgtggtcctc	cctgaaataa	cgcatctcgaa	atccatgcag	2580
tgcagtatat	ttttctaagt	tttggaagc	aggttttttc	ctttaaaaaa	attatagaca	2640
cggttcacta	aattgattta	gtcagaattc	ctagactgaa	agaacctaaa	caaaaaaata	2700
ttttaaagat	ataaatatat	gctgtatatg	ttatgtaatt	tatttttaggc	tataatacat	2760
ttcctatttt	cgcattttca	ataaaatgtc	tctaatacaa	tacgggtgatt	gcttgtgtgc	2820
tcaacatacc	tgcagttgaa	acgtattgta	tcaatgaaca	ttgtacctta	ttggcagcag	2880
ttttataaag	tccgtcattt	gcatttgaat	gtaaggctca	gtaaatgaca	gaactatttt	2940
tcattatggg	taactggggg	aataaatggg	gtcactggga	gtaggg		2986

<210> 7062

<211> 2459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (64)...(462)

<223> similar to gi755088 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	7062					
tcagcatttt	atctgagtct	tctgaatccc	acttagaact	gtgttgagct	ctcaccatc	60
acgatgagca	acaaattcct	gggcacctgg	aaacttgtct	ctagtgagaa	ctttgacgat	120
tacatgaaag	ctctgggtgt	ggggttagcc	accagaaaac	tgggaaattt	ggccaaaccc	180
actgtgatca	tcagcaagaa	aggagatatt	ataactatac	gaactgaaag	tacctttaaa	240
aatacagaaa	tctccttcaa	gctaggccag	gaatttgaag	aaaccacagc	tgacaataga	300
aagaccaaga	gcacgtaaac	cctgcagaga	ggatcactga	atcaagtgca	gagatgggat	360
ggcaaagaga	caaccataaa	gagaaaagcta	gtgaatggga	aaatggtagc	ggaatgtaaa	420
atgaagggcg	tgtgtgacac	cagaatctat	gagaagggtct	gaaaaatcat	ttcttcattg	480
aagtggcttt	ttatcatttta	atgatggaaa	tcaattgctt	ccattgacaa	aactgaatac	540
actgcaaata	tttgtttttg	cttttgtctt	aatatatcag	atatgcaaag	gcctaaactg	600
agaattaatc	taaaagtcag	tgttattttaa	acattttcaa	tgtgcatgca	tgtcattatt	660
acatcaaaagc	atatatatgtg	gccagacaca	aacagttgat	tgatgcattc	aattaactac	720
aaaattctaa	tctatgttga	actttgtata	cttgaaatga	taataaaaaag	gatataattt	780
cttagtaaaa	tgaaatcaaa	gtattgatca	gggtagcaaa	ctcaaattgct	gacaggggcc	840
agaggagata	tggggaagga	gcacagaaaa	tgaggcaagc	taggagaatg	ggctattata	900
atgtaaagaa	ttgtagtctc	agttaaaagg	ggtagcctct	actccagcca	acattttaaa	960
attaatggat	aatttataga	cagttaaatt	tatagacagt	taagtaaaaa	tggataattt	1020
atagacagat	aatttataga	caggtaaattg	tgagttaaat	ataactcaca	tccactcaa	1080
gacacaaaac	attttcttaa	tcctagtaca	ttttttctg	tccttccca	atcagtgtcc	1140
ttttctgttc	caccctacc	aaaagcaagt	agtggtttg	tttctatcat	atagattaat	1200
tttacctgct	catatgaagg	gaattgtaca	tcatgcattc	ttttctgttt	gccttttttta	1260
aattcagcat	catgtttttg	tgatacatcc	acattgttgc	atgcagctgt	agtttgtttc	1320
tttttattac	caagtactat	ttcattgtat	gaatatatca	cagtttatcc	attctactat	1380
taagacaatt	gagctatttc	taattttcgg	ctgctatgaa	taaagctgtc	acaaatattt	1440
ttgtacaaga	ctttttgtaa	acataggagt	ccctttattt	taataaaata	actagtcata	1500
tcattaggtc	cagtaattgt	tgacaggcag	gaacggggga	ccattgcatt	gtgcccaagt	1560
aataataaaa	ctatttcaga	tgtattatat	gattgagcaa	atgagaaaaac	atgttgatgt	1620
tgatgggagt	caggatgttc	actatggaaa	aacaaatata	caaatatgaa	atgagggaag	1680
gcaagaaaaga	accatgtgga	aatggaatag	aattggtata	aattcataat	ttctaaacca	1740
tgtatatgta	cgtttatatg	tattataaatt	gcatacacat	gcctccatgc	atatatgtgt	1800
gtgataatac	acatgcattt	atgtgctgt	gtgtatacac	atgcataatat	ttactaatcc	1860
tatctgccaa	aatggcttag	acacaaaaac	acctcagcag	aaatgaatat	acctagcact	1920
cagatccttcg	tgtctaatat	agtttgccac	taaaaggaac	caaggctact	tggaaaaatg	1980
gatgattcca	aagcaagggc	aaggtaggaa	caagatgagc	ttgaaatatc	ttgttatgcc	2040
agaaagtaat	gttaaaaaaa	aaaaatagag	gtatattgcc	aaaacataaa	tccagcttga	2100
aggggctccc	actggccaaa	cttgagccaa	tttgagagca	aaataattga	gaaaaataaa	2160
taacaagata	attgagaaaa	aaataaaaata	aattcccaat	tccattggaa	aaaaatagaa	2220
ttccatgaat	ccatactgat	ataatgataa	ataatcgata	gataggtaga	tgactgacag	2280
atgatagata	gatatataga	tagatagata	gatagataga	tagatagata	gatagataga	2340
tagagaaatg	agaaggtttc	tcttttgcaa	tagaacgtca	tggaccagtg	ttaaatgtga	2400
gtggaaggag	ttctggaatt	ggaaaaccat	catttttcaa	ccatcacagt	aaatatggc	2459

```
<210> 7063
<211> 3047
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (391)...(2682)
```

<223> similar to gi899477 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7063

tgggccgcag	ccctccccgc	cccgcgcgacc	gcggtcacac	actctcggag	cctccccgtg	60
agcgggagcg	cggcgcacgg	cgatgcgccc	aggcggggcg	tgaggcggcg	ccgcgcgagc	120
agcagcagag	gcggcgggcg	ccccagccc	agcccggcg	cgccgcgag	cccgggcccc	180
aaggtgcggc	ggcgccccaa	gttcccgcga	tgagcagccg	gctcgggggg	ctccgcggcc	240
ccggggactc	ccgccccgcc	gggcgcgacc	gcagcgcccc	gcggccccga	cgcgcttaac	300
gttgctcgctt	gccgggtccc	ccaccggccc	ctccgcggcc	gctcgcgtcc	tcgcgcgccac	360
cgccctcgcc	gctgcagctc	cgccggcagc	atgtctcgaa	ggaagatttc	gtccgagttc	420
ttcagctccc	tgggctccga	ctacctggag	accagcccgg	aggaggagg	ggagtgtccc	480
ctgtctaggc	tctgctggaa	tggcagccgg	agcccggccc	ggccgctgga	gcccagccc	540
gccgcagctg	ccgctgcgc	cgccccggcc	ccgaccccgg	ctgcttctgc	cgccgcggcc	600
gctgccactg	ccggggccag	gagggtgcag	cgccggaggc	gggtcaacct	ggactcgctg	660
ggcgagagca	tcagccgcct	gacggcgccc	tcgcctcaga	cgatacagca	gactctcaag	720
aggacactgc	agtattatga	acatcaagtt	attggttaca	gggatgcaga	aaagaatttc	780
cacaatatct	ctaacagatg	ctcctatgca	gaccactcca	acaaagaaga	aattgaagat	840
gtctcaggaa	ttcttcagtg	tactgctaata	atactcgggt	tgaagtttga	ggaaattcaa	900
aaaagatttg	gtgaagagtt	ctttaatata	tgctttcatg	agaatgagag	agtccttcga	960
gctgtaggtg	gcacttttga	ggactttttt	aacggctttg	atgctttgtt	ggaacacatt	1020
agaacttctt	ttggaataca	ggccactctg	gagtcacccat	ctttcctatg	caaagagctc	1080
cctgaaggta	ctctcatgct	ccactacttc	caccctcacc	atattgtggg	gtttgcaatg	1140
ctggggatga	ttaaggctgc	aggaaagaag	atctatcggc	tggatgtgga	agtggaaacag	1200
gttgcaaatg	agaagctatg	ctctgatggt	tcaaaccag	gcaattgtag	ctgtcttact	1260
ttccttatca	aagaatgtga	aaatactaata	atcatgaaga	accttccaca	gggaacctcc	1320
caagttcctg	cggacctcag	aattagcatt	aacaccttct	gtagagcctt	ccctttccac	1380
ttgatgtttg	atcccagcat	gtcagtcctt	cagttggggg	aaggtctaag	gaagcagctt	1440
cgatgtgaca	ctcacaaga	gctcaagttt	gaggactgct	tcgagattgt	atctccaaag	1500
gttaatgcca	cctttgaaag	ggctcctgct	cgactgtcta	ccccgtttgt	gattagaacc	1560
aagcctgagg	cttctggctc	tgaaaataaa	gacaaggtga	tggaagtcaa	aggacaaatg	1620
atccatgttc	cagaatcaaa	ttccatttta	tttttgggct	ctccatgtgt	ggacaagttg	1680
gatgaactca	tgggcgcagg	gctacatctc	tcagacatcc	ctatccatga	tgccacccga	1740
gatgtcattt	tgggttggtga	gcaggcaaa	gcccagaatg	gggtgaagaa	aaggatggat	1800
aaattaaagg	caactttaga	aagaactcac	caggccctgg	aagaagagaa	aaagaagaca	1860
gtggatcttc	tatattctat	ttccctgggt	gatgtagccc	agcaattatg	gcaagggcag	1920
caagtacagg	ccagaaaagt	tgatgatgtc	accatgctct	tttcagacat	tgttggcttc	1980
acagccatat	gtgcccagtg	tactcccatg	caagtaatca	gcatgctgaa	tgaactgtac	2040
accagatttg	accaccagtg	tggatttttg	gatattttata	aggtggaac	aataggtgat	2100
gcctactgtg	ttgcagcagg	gtccacaga	aaaagccctc	gccatgctaa	acccattgct	2160
ctgatggcct	tgaagatgat	ggaactttca	gaagaggtgc	tgacacctga	tggagaccg	2220
attcagcccc	agaggagtga	actccttttc	tcctttcctg	tttccatcca	gctggttcca	2280
gatcagcacc	aaagtgaac	ggatttgggt	actgaaaaga	tgaggatagg	aattcactca	2340
ggctccgtgc	tggctggagt	tgttgggggt	cgaatgccac	gttattgcct	gtttggaaat	2400
aatgtcacac	tggcaagcaa	attcgagtcg	ggaagtcacc	ctcggcgcat	caatgtcagc	2460
ccaaccactt	accaattatt	aaaacgagaa	gaaagtttca	cattcattcc	gcgggtctcg	2520
gaagagcttc	cagacaactt	tccaaaggaa	attcctggga	tctgctattt	cctggaggta	2580
aggactggtc	caaagccacc	aaagccttct	ctttcttctg	cgagaataaa	aaaggtttcc	2640
tacaacatcg	gcacccatgt	cctccgggag	acaagcctct	gagacctgct	acagatcaaa	2700
gactcctcca	aaaagcacaa	gcccagaaca	tgggtcacca	atgggggggtg	gaaagagatt	2760
gtgtctcttt	cattgctttg	ttgagaacaa	gcagcaaaat	ttctgtatta	tgtcaggcaa	2820
taatcctact	aaaaggtgga	ggtgaccgct	gtcaataaaa	agccggagga	tgagggaat	2880
aagatgtgtc	cattcatatg	agtgggtttg	gtcatatata	tacacatata	ttttaattac	2940
aagtgtgggt	cccctttcag	aactaaccaa	taaatagatt	ccatgttttc	ttgtttatca	3000

cacatacaag tatctttccc tatatatattg taccactttt gagagcc

3047

<210> 7064

<211> 2164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(1156)

<223> similar to gi439614 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7064

gcgaaagagg	aaactgcaga	ggaggaagct	gcgccgcagc	ccgagccgcc	cggcaccccc	60
gccgcctctg	cgcccgcgcc	gcgcccccg	cgccccctcc	ccagcgcgcc	cccggccgct	120
cctccgcgcc	gcgctcgctg	gccatggccc	gggagaacgg	cgagagcagc	tcctcctgga	180
aaaagcaagc	tgaagacatc	agaagatct	tcgagttcaa	agagaccctc	ggaaccgggg	240
ccttttccga	agtggtttta	gctgaagaga	aggcaactgg	caagctcttt	gctgtgaagt	300
gtatccctaa	gaaggcgctg	aagggaag	aaagcagcat	agagaatgag	atagccgtcc	360
tgagaaagat	taagcatgaa	aatattgttg	ccctggaaga	catttatgaa	agcccaaatc	420
acctgtactt	ggtcatgcag	ctggtgtccg	gtggagagct	gtttgaccgg	atagtggaga	480
aggggtttta	tacagagaag	gatgccagca	ctctgatccg	ccaagtcttg	gacgccgtgt	540
actatctcca	cagaatgggc	atcgccaca	gagacctcaa	gcccgaataa	ctctgtact	600
acagtcaaga	tgaggagtcc	aaaataatga	tcagtgactt	tggattgtca	aaaatggagg	660
gcaaaggaga	tgtgatgtcc	actgcctgtg	gaactccagg	ctatgtcgct	cctgaagtcc	720
tcgcccagaa	accttacagc	aaagccgttg	actgctggtc	catcggagt	attgcctaca	780
tcttgctctg	cggctaccct	cctttttatg	atgaaaatga	ctccaagctc	tttgagcaga	840
tcctcaaggc	ggaatatgag	tttgactctc	cctactggga	tgacatctcc	gactctgcaa	900
aagacttcat	tcggaacctg	atggagaagg	acccgaataa	aagatacacg	tgtgagcagg	960
cagctcggca	cccatggatc	gctggtgaca	cagccctcaa	caaaaacatc	cacgagtccg	1020
tcagcgccca	gatccggaaa	aactttgcca	agagcaaatg	gagacaagca	tttaatgcca	1080
cggccgctcg	cagacatatg	agaaaactac	acctcggcag	cagcctggac	agttcaaatg	1140
caagtgtttc	gagcagcctc	agttttggcca	gccaaaaaga	ctgtgcgtct	ggcaccttcc	1200
acgtctctgta	gtttcatttc	ttcttcgctg	ggggtctcag	gagttggagc	cgagcggaga	1260
cccaggccca	ccactgtgac	ggcagtgcac	tctggaagca	agtgactggc	cctggagggtg	1320
gggcccgggg	tcggggctgg	ggaaggggag	ccccagggtc	gccagagccg	cgagccactc	1380
cagcgagacc	ccaccttgca	tggtgcccct	tcctgcatag	gactggaaga	ccgaagtttt	1440
tttatggcca	tattttctac	tgcaattctg	aagtgttcat	ttctcaciaa	ctgtactgac	1500
tcgaggggcg	ctgatttcat	aggatctggg	gctgtatata	cgaatcttgc	aaagctctaa	1560
ctgaacggac	cttcttatte	ctctccccta	acaccatcgt	ttccactctt	ctcagtgtag	1620
gtaaccgtct	atggtgtgtt	ttttcattaa	tgacaaaaaa	aaaaggggtt	caactggatt	1680
atttaaatat	tggtaaatat	tgtgcattag	ggtttggttt	tccttttaag	aagtatgtcc	1740
tttgatatct	taagttacat	gacctatata	ttttcctctt	taatagtagt	tttatgttaa	1800
cctttaagag	atttggtttt	cctcaaagga	gaatttaaa	gtattttttt	aaaattctaa	1860
taagaggatc	agccgggtgc	aatgactcat	gcctgtaatc	ccagcacgtt	gggaggccaa	1920
gtcgggcgga	tcacaaggtc	aggagatcaa	ggccatcctg	gttctatact	gtgtagattg	1980
ctggctacta	aaaatacaaa	aaattagccg	ggcgtgggtg	cacacaccta	gtagtcccgg	2040
ctactcgggt	aggctgaggc	aggagaattg	cttgaacccg	ggagacggag	gttgcaagtga	2100
gctgagatcg	tgccactgca	ctccagcctg	ggtgacagag	caagactctg	tctcaaaaaa	2160

```

<210> 7065
<211> 2402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (890)...(2158)
<223> similar to gi3256001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7065

```

```

cggcaaaaag acaacatact tagaaataaa gttaaataag gaggtaaaag actcgtacac    60
tgaaaaactat aaaacattgg tgaaagaaat taaagaaatg aataagtga agatggccca   120
tgttcatgga ttagaagaac taatattggt aaagtgtcca tactacccaa aatgatctac   180
aaattagatg caatccctat caaaaactcca atggcatatt tacagggtta gaaaaaacia   240
ttataaaaatt cacatgaacc cacaaaagag ctcaaattgg caaatcaatt gtgagaaaaa   300
aagaacaaag ctggaggcat cacagttctt aatttcaaaa tatattagaa agctatggca   360
atgagaacag tatgctactg gcataaaaat agacatgtgg accgatggat cagaagagag   420
accccagtag gaaatttgca catatacagt gatctgatct gcaacaaggg tgccaagaat   480
aaacagtgtc acaagcagaa cgggcaacta cagctctttt gttaaacgaa agagagaaaa   540
tgaaagaaaag ggaaaatttc agaagactag gaccatattg aacaaggagg gtaactcgaa   600
gacaagcaga cagatggaca ctttggatag tgtgaaaagc aatcgagga ggcagactgt   660
tggggggatgt ggcgatgttc gatagcatct tttttgctga agtgatggcg tgccaaaagt   720
attttcagtg ggcataatcc tcttcacata aatggcctga ccaagggaaga atgactacaa   780
gagagacaat gtgactgaat tagaaaatga ttgccaaaga atagtattaa ggagaagaaa   840
acatttttgg tcaccaatct ctcatatacc actactggat atttacaaca tgcttcagtg   900
gaggagaaga cactgctgct ttgcaaagat gacctggaat gccaaaagggt ctctgttccg   960
cactcatctt attggagtac tttctctagt gtttcttttt gctatgtttt tgtttttcaa  1020
tcatcatgac tggctgccag gcagagctgg attcaaagaa aacctgtgta catacacttt  1080
ccgaggattt cgggtcaacaa aaagtgaagc aaaccacagc tcccttcgga acatttgga   1140
agaaacagtc cctcaaaccc tgaggcctca aacagcaact aactctaata acacagacct  1200
gtcaccacaa ggagttacag gcctggagaa tacacttagt gccaatggaa gtatttacia  1260
tgaaaaagggt actggacatc caaattctta ccatttcaaa tatattatta atgagcctga  1320
aaaatgccaa gagaaaagtc cttttttaat actactaata gctgcagagc ctggacaaat  1380
agaagctaga agagctattc ggcaaacttg gggcaatgaa agtctagcac ctggtattca  1440
aatcacaaga atatttttgt tgggcttaag tattaagcta aatggctacc ttcaacgtgc  1500
aatactggaa gaaagcagac aatatcatga tataattcaa caggaatact tagatacgta  1560
ctataatttg accattaaaa cactaatggg catgaactgg gttgcaacat actgtccaca  1620
tattccatat gttatgaaaa ctgacagtga catgtttgtc aacactgaat atttaacaa  1680
taagttactg aagccagatc tgcctcccag acataactat ttcactggtt acctaattgcg  1740
aggatatgca cccaatcgaa acaaagatag caagtggtag atgccaccag acctctaccc  1800
aagtgagcgt tatcctgtct tctgttctgg aactgggtat gttttttctg gagatctggc  1860
agaaaagatt tttaaagttt ctttaggtat ccgccgtttg cacttggaag atgtatatgt  1920
agggatctgt cttgccaaag tgagaattga tcctgtaccc cctcccaatg agtttgtgtt  1980
caatcactgg cgagtctctt attcgagctg taaatacagc cacctaatta cctctcatca  2040
gttccagcct agtgaactga taaaatactg gaaccattta caacaaaata agcacaatgc  2100
ctgtgccaac gcagcaaaag aaaaggcagg caggtatcgc caccgtaaac tacattagaa  2160

```

aagacaattt	tttttcaa	gtgcaattt	taaatattg	taaaagcatg	tatagttaga	2220
actgattaca	tccgtaggac	aagtttttagt	taaaactcat	cacataaaga	aattcaagaa	2280
gtattttttt	aattttctgaa	gaagttaatt	cttaaaaacta	taacattata	taacaaaaaaa	2340
ggtttcccaa	aacaatctat	ttaaaaaaact	gtataaggag	attctgtgta	ttaacatgca	2400
at						2402

```

<210> 7066
<211> 4088
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(3709)
<223> similar to gi4589656 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0940373E-011100

<400> 7066	
tttcgtgcct gactgctcgg ttaggacctc ggagagcgcc aggcgccgcg accagagggc	60
ccagagaagc ggccggagcc cgcctacctc ggccccctca gcttcccggg ctggcaggcg	120
gctagaggcg tctgaggaag tgtttaaaat gaagaagttt aatttccgaa aagttttgga	180
tggtcttaact gcctcctccc ctggcagtggt tagcagcagt ggcagtaaca gtggtggtgg	240
ggctggaagt ggttccgtac atccggcggg gactgcaggg gttctcagag aggaaattca	300
ggaaaactttg acttcggagt atttccagat ttgcaagaca gttcggcatg gttttcctca	360
tcagcccaca gcattagcct ttgatccagt tcagaaaatc ttggctattg ggacgagaac	420
aggtgctata cgaatactcg ggagacctgg tgttgattgc tattgccaac atgaaagtgg	480
tgcagctgtc ctacagctcc aatttttgat caatgagggt gccttggtca gtgcaagtgc	540
agatgataca cttcatttgt ggaaccttag acaaaaaagg ccagccatac tccattctct	600
taaatttaac cgggaacgaa ttacttactg tcatctacct ttccagagta aatggcttta	660
tgttggaaca gaaagaggaa atacacatat tgtaaatatt gaatctttca ttctttctgg	720
atatgttatc atgtggaaca aggcaattga actatccact aagactcatc caggtccagt	780
tgtacattta agcgatagcc caagagatga aggcaaactg ctaatagggt atgaaaatgg	840
tactgtagta ttctgggact tgaaatctaa aagagcagaa ctgagagttt attatgatga	900
ggctattcat tcaattgatt ggcatcatga gggcaaacag ttcatgtgca gccattcaga	960
tggtagtttg actttatgga acctgaaaag cccaagtcgc cttttccaga ccacaattcc	1020
acatggaaaa agtcaaagag aaggaaagaa atctgaatct tgtaaaccac ttcttaaagt	1080
agaatacaag acctgcaaaa acagcgaacc attcataata ttctctgggt ggctgtccta	1140
tgacaaagct tgtagaagac caagttaaac catcatgcat ggaaaagcaa ttacagtact	1200
tgaaatggat catcctattg ttgaatttct aactttatgt gaaacgccct atccaaatga	1260
atttcaagaa ccctatgctg tcgtgggtact tctggagaaa gatctcattg tagttgatct	1320
gacacaaagc aattttccaa tctttgaaaa tccatatccc atggacattc atgaatcacc	1380
agttacatgc acagcatact ttgcagattg tcctccggat ttgattctag tactgtattc	1440
tataggagtc aagcataaaa aacaaggata cagtaataag gagtggccaa tcagtggagg	1500
agcttggtatc cttggagcac aaacatatcc agaaattatt attactgggt atgcagatgg	1560
atcaataaaa ttttgggatg cttctgcaat aactctgcag atgctgtaca agctaaaaac	1620
ttcaaaagtg tttgaaaaac agaaggtagg agaaggaaaa caaacatgtg aaattgtaga	1680
ggaagaccca tttgccattc agatgattta ctggtgtcca gagagcagaa tattctgtgt	1740
atcaggagtc tctgcatatg tcataattta taaattcagc agacatgaaa ttacaacaga	1800
aatagtgtca ttagagggtac gacttcagta tgatgttgaa gatattatta ccctgaacc	1860
agaaacaagt cctccgtttc cagatctctc agcccagctt cttcttcaa ggagtctttc	1920

tgggagcact	aacactgttg	ctagtgaagg	agtaacaaag	gacagtattc	catgcctcaa	1980
tgtgaagaca	cggccagtgc	gaatgcctcc	aggatatcaa	gcagaacttg	ttattcaatt	2040
ggtgtgggta	gatggtgaac	ctccacaaca	gattactagt	cttgctgtaa	gctcagcata	2100
tggaatagtt	gcatttgggg	actgcaatgg	gttggtgtg	gtggatttta	tacagaagac	2160
agtactgtta	agcatgggga	ccattgacct	atatagatca	agtgacttat	accagcgaca	2220
accacggtct	cctcgaaaaa	acaaacagtt	cattgcagac	aacttttgca	tgcgtggcct	2280
gtctaacttt	tatcctgatt	taacgaaacg	gatccgtact	tcctatcaga	gtttaactga	2340
actgaatgac	agtccagttc	ccctagaact	tgagcgctgc	aagtctccta	cctcagacca	2400
tgtaaatgga	cactgcacaa	gtccaacttc	tcagagttgc	agttctggaa	aacgtctttc	2460
tagtgccgat	gtttcaaaa	taaactcgctg	gggtcctgga	agaccacat	ttcgaaaggc	2520
ccagtccagca	gcctgcatgg	agatttcttt	accagttaca	acagaagaaa	accgagaaaa	2580
ttcctataat	cgttctagaa	gctctagtat	ctccagtatt	gacaaagatt	ctaaagaagc	2640
aattacagca	ctatacttca	tggactcctt	tgcacggaaa	aatgactcta	ccatctctcc	2700
ttgtctgttc	gttggaaacca	gtctgggaat	gggtgttaatc	atctccttaa	acctaccatt	2760
agcagatgaa	caaaggttta	cagagccagt	catggtattg	ccaagtggta	cattcctctc	2820
attgaaagga	gctgtgctaa	catttctctg	tatggaccga	atgggtggat	taatgcaacc	2880
gccatatgaa	gtttggaggg	atccaaacaa	catagatgaa	aatgaaaaat	cttggagaag	2940
gaaagtggta	atgaactcat	cttctgcatc	ccaagaaata	ggagatcatc	agtatacaat	3000
aatctgctca	gaaaaacaag	ccaaagtctt	ctcactgcct	tctcagactt	gcctttatgt	3060
tcataacatc	acggagacat	cttttatact	gcaagcaa	gtggtggtca	tgtgtagcag	3120
tgcctgcttg	gcatgctttt	gtgctaacgg	acatatcatg	ataatgagcc	tacctagtct	3180
tcgcccgaatg	ttggatgtta	attatttgcc	actgacagac	atgaggatag	cacgaacatt	3240
ttgtttttacc	aatgaaggac	aggcattata	cctcgtctct	cctactgaaa	ttcagcgggt	3300
aacatacagc	caagaaatgt	gtgataatct	acaggacatg	ctaggagatt	tgtttactcc	3360
catagagaca	ccagaagctc	aaaacagagg	ctttctcaag	ggactgtttg	gtggaagcgg	3420
acaaacat	gacagagaag	agctcttttg	ggaagcttcg	gcaggaaaag	catcccgcag	3480
ccttgcgcaa	cacattcctg	gaccaggtag	tatagaaggg	atgaaaggcg	ctgctggagg	3540
ggtgatggga	gagctgaccc	gtgcacggat	tgcacttgat	gaaagaggac	agaggctagg	3600
agagctggaa	gagaaaactg	caggcatgat	gaccagtgca	gaagcatttt	ccaaacatgc	3660
acatgagtta	atgctgaaat	acaaggataa	gaaatgggtac	caattctgac	ttctaaagaa	3720
gctgtgactg	ctttgagaaa	tcatattcag	ggaaaccaa	tttattccca	gcatcactat	3780
tcaactgcta	gaagccagtt	tcttctacaa	aatgttccat	ttacagtcaa	tctgaaat	3840
tcataaaaga	gatgtatcag	agacactgtg	caacccaaag	gctggagccc	tgggtaaaat	3900
cccaaaatac	ggctgaat	gccttttccc	atgtggaatg	gagctatcat	cttggcatgt	3960
cattcgataa	ggatttatat	ttagtaacta	cggggagtcc	tcttgatttg	aaaattcctg	4020
tacaaacaaa	agcattaatg	cacttaatga	aaaaaaatct	ttgcatgata	aattaacatc	4080
ttaagggg						4088

<210> 7067

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (619)...(147)

<223> similar to gi3810855 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7067

2014-2015 **2015-2016** **2016-2017** **2017-2018** **2018-2019** **2019-2020** **2020-2021** **2021-2022** **2022-2023** **2023-2024** **2024-2025** **2025-2026** **2026-2027** **2027-2028** **2028-2029** **2029-2030** **2030-2031** **2031-2032** **2032-2033** **2033-2034** **2034-2035** **2035-2036** **2036-2037** **2037-2038** **2038-2039** **2039-2040** **2040-2041** **2041-2042** **2042-2043** **2043-2044** **2044-2045** **2045-2046** **2046-2047** **2047-2048** **2048-2049** **2049-2050** **2050-2051** **2051-2052** **2052-2053** **2053-2054** **2054-2055** **2055-2056** **2056-2057** **2057-2058** **2058-2059** **2059-2060** **2060-2061** **2061-2062** **2062-2063** **2063-2064** **2064-2065** **2065-2066** **2066-2067** **2067-2068** **2068-2069** **2069-2070** **2070-2071** **2071-2072** **2072-2073** **2073-2074** **2074-2075** **2075-2076** **2076-2077** **2077-2078** **2078-2079** **2079-2080** **2080-2081** **2081-2082** **2082-2083** **2083-2084** **2084-2085** **2085-2086** **2086-2087** **2087-2088** **2088-2089** **2089-2090** **2090-2091** **2091-2092** **2092-2093** **2093-2094** **2094-2095** **2095-2096** **2096-2097** **2097-2098** **2098-2099** **2099-2100** **2100-2101** **2101-2102** **2102-2103** **2103-2104** **2104-2105** **2105-2106** **2106-2107** **2107-2108** **2108-2109** **2109-2110** **2110-2111** **2111-2112** **2112-2113** **2113-2114** **2114-2115** **2115-2116** **2116-2117** **2117-2118** **2118-2119** **2119-2120** **2120-2121** **2121-2122** **2122-2123** **2123-2124** **2124-2125** **2125-2126** **2126-2127** **2127-2128** **2128-2129** **2129-2130** **2130-2131** **2131-2132** **2132-2133** **2133-2134** **2134-2135** **2135-2136** **2136-2137** **2137-2138** **2138-2139** **2139-2140** **2140-2141** **2141-2142** **2142-2143** **2143-2144** **2144-2145** **2145-2146** **2146-2147** **2147-2148** **2148-2149** **2149-2150** **2150-2151** **2151-2152** **2152-2153** **2153-2154** **2154-2155** **2155-2156** **2156-2157** **2157-2158** **2158-2159** **2159-2160** **2160-2161** **2161-2162** **2162-2163** **2163-2164** **2164-2165** **2165-2166** **2166-2167** **2167-2168** **2168-2169** **2169-2170** **2170-2171** **2171-2172** **2172-2173** **2173-2174** **2174-2175** **2175-2176** **2176-2177** **2177-2178** **2178-2179** **2179-2180** **2180-2181** **2181-2182** **2182-2183** **2183-2184** **2184-2185** **2185-2186** **2186-2187** **2187-2188** **2188-2189** **2189-2190** **2190-2191** **2191-2192** **2192-2193** **2193-2194** **2194-2195** **2195-2196** **2196-2197** **2197-2198** **2198-2199** **2199-2200** **2200-2201** **2201-2202** **2202-2203** **2203-2204** **2204-2205** **2205-2206** **2206-2207** **2207-2208** **2208-2209** **2209-2210** **2210-2211** **2211-2212** **2212-2213** **2213-2214** **2214-2215** **2215-2216** **2216-2217** **2217-2218** **2218-2219** **2219-2220** **2220-2221** **2221-2222** **2222-2223** **2223-2224** **2224-2225** **2225-2226** **2226-2227** **2227-2228** **2228-2229** **2229-2230** **2230-2231** **2231-2232** **2232-2233** **2233-2234** **2234-2235** **2235-2236** **2236-2237** **2237-2238** **2238-2239** **2239-2240** **2240-2241** **2241-2242** **2242-2243** **2243-2244** **2244-2245** **2245-2246** **2246-2247** **2247-2248** **2248-2249** **2249-2250** **2250-2251** **2251-2252** **2252-2253** **2253-2254** **2254-2255** **2255-2256** **2256-2257** **2257-2258** **2258-2259** **2259-2260** **2260-2261** **2261-2262** **2262-2263** **2263-2264** **2264-2265** **2265-2266** **2266-2267** **2267-2268** **2268-2269** **2269-2270** **2270-2271** **2271-2272** **2272-2273** **2273-2274** **2274-2275** **2275-2276** **2276-2277** **2277-2278** **2278-2279** **2279-2280** **2280-2281** **2281-2282** **2282-2283** **2283-2284** **2284-2285** **2285-2286** **2286-2287**

<400>	7068						
cgagcc	gccgcgcgcca	tcaactgccgc	tgccaagtcc	tccaccgcgt	gcccccgcca		60
tgctac	cgctgccacg	gccccccctg	ctgccccggc	tggggagggt	ggtccccctg		120
ccctcc	aaacctcacc	agtaacagga	gactgcagca	gaccagggcc	caggtggatg		180
ggtgga	catcatgagg	gtgaacgtgg	acaaggtcct	ggagcgagac	cagaagctgt		240
gctgga	cgaccgtgca	gatgcactcc	aggcgggggc	ctcccagttt	gaaacaagcg		300
caagct	caagcgcaaa	tactggtgga	aaaacctcaa	gatgatgatc	atcttgggag		360
ttgcgc	catcatcctc	atcatcatca	tagtttactt	cagcacttaa	atccccgagg		420
ggccct	gcctagagaa	gggcctctcc	cccaaccctc	agccgttcct	ccacctctca		480
catctt	tcagccccc	ctccccctga	tccgtgtgtg	tgtgtgtccg	tgtgtgtgtc		540
tgtaaa	tagccagctg	ttattttatac	atatataata	ttatatatat	ttggtctggt		600
gtttta	ttactagatg	atttttccgg	ttgtccttaa	cacccttcc	tgaggttccc		660
cccttc	tctcttgctt	tcccttccct	tccctttcct	cctgactagc	cccaagtccc		720
ctttga	tttgtctatgc	aatagtcctc	ctcctttcct	tcttcttccc	tcagatttag		780
cccttc	ctcccaccct	ggccttcctt	tccctttccc	tcctcactct	ccccgtcatg		840
ctctgc	ccgcacctca	aaaaaaaaaa					860

5727

<220>
 <221> misc_feature
 <222> (282)...(1067)
 <223> similar to gi4127986 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7069

gagagcgctt	cattgccact	gcagtgacta	aagctgggaa	gacgctggtc	agttcacctg	60
ccccactgg	tgttttttaa	acaaattctg	atacaggcga	catcctcact	gaccgagcaa	120
agattgacat	tcgtatcatc	actgtgcacc	attggcttct	aggcactcca	gtggggtagg	180
agaaggaggt	ctgaaaccct	cgcagaggga	tcttgccctc	attctttggg	tctgaaacac	240
tggcagtcgt	tggaaacagg	actcagggat	aaaccagcgc	aatggattgg	gggacgctgc	300
acactttcat	cgggggtgtc	aacaaacact	ccaccagcat	cgggaagggtg	tggatcacag	360
tcatctttat	tttccgagtc	atgatcctcg	tgggtggctgc	ccaggaagtg	tggggtgacg	420
agcaagagga	cttcgtctgc	aacacactgc	aaccgggatg	caaaaatgtg	tgctatgacc	480
actttttccc	ggtgtcccac	atccggctgt	gggccctcca	gctgatcttc	gtctccaccc	540
cagcgctgct	ggtggccatg	catgtggcct	actacaggca	cgaaaccact	cgcaagttca	600
ggcgaggaga	gaagaggaat	gatttcaaag	acatagagga	cattaaaaag	cagaaggttc	660
ggatagaggg	gtcgctgtgg	tggacgtaca	ccagcagcat	ctttttccga	atcatctttg	720
aagcagcctt	tatgtatgtg	ttttacttcc	tttacaatgg	gtaccacctg	ccctgggtgt	780
tgaaatgtgg	gattgacccc	tgccccaacc	ttgttgactg	ctttatttct	aggccaacag	840
agaagaccgt	gtttaccatt	tttatgattt	ctgcgtctgt	gattttgcatg	ctgcttaacg	900
tggcagagtt	gtgctacctg	ctgctgaaag	tgtgttttag	gagatcaaag	agagcacaga	960
cgcaaaaaaa	tcaccccaat	catgccctaa	aggagagtaa	gcagaatgaa	atgaatgagc	1020
tgatttcaga	tagtgggtcaa	aatgcaatca	caggtttccc	aagc		1064

<210> 7070
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (92)...(247)
 <223> similar to gi4689138 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7070

gtctgatctt	cctgcggctg	aaccgcccgg	ctgagccgac	attgccggcg	tcttggcgat	60
tcggcccgcg	gagctccgct	ttcgctacag	catggtggcc	tactggagac	aggctggact	120
cagctacatc	cgatactccc	agatctgtgc	aaaagcagtg	agagatgcac	tgaagacaga	180
attcaaagca	aatgctgaga	agacttctgg	cagcaacgta	aaaattgtga	aagtaaagaa	240
ggaataatct	accctgacta	aagcttgaaa	tgctacattt	ccaagggtgaa	gatgtgtggg	300
cacatgttat	ggcagattga	aaaggatctc	attccatggg	aaaaaaaaaa	atcctgtctt	360
gttcataaat	tgacaatgtc	aataaattga	aatatgggtc	actgttaaaa	aaaaaa	416

```

<210> 7071
<211> 2872
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2873)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2798)...(2383)
<223> similar to gi4884268 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7071
ccaagccaaa gcctgcaact tacttttaaaa aagaaaagga aaaaaagcac ttaggaaagt      60
tacagacaac taccocccaaa aaataccctc ccacacacaa aatccaaacc gtttcctcat    120
ctccctcccg cctcccccga cacaatacag ttctctgttt tctttctttt taaaaacggt    180
gcctgctacc tctccatttg ggaagcccgag ggcctgactg ctggtgggtg gtgacaggca    240
cacagcgggc aaagcccatc ttgggccaga gggaggtggg aggaccagtc cctgccacat    300
cctcaatcca cagacaccca ccagccagcc ttacttttgg gcctcccact agagggtagt    360
ggggcaagaa caggtgggtc caatggctgg gcaatcagca cttctggcgt tcccacctgg    420
actacctcta tacccttctc caattaaaag gaaagtctca ctttgggccg ggaaaccact    480
attacataaa gggatggaca cttacacatt ttagaatgtg ggacacttgg ttagggcag    540
tgggaaacta taaagatagc agccagtttt ctctcttggc ttctcctgaa gggtaatcct    600
ccctcttact gactgaagct ctggttccag ctctgctcat gggcaatgcc tggctttaca    660
gttataaggc tgtgctatgg actagctgct gactcagctg gcagctggcc ctctcctcga    720
aggagaggac gtgttggggc atggcttact gggcctggcc taccattccc acagggaacc    780
aacgagggag tgagcctgtg agactcagct tgccaccttg gccaccacgt gctgccctca    840
tcacaaaaac cacaccaacc actccgaaac gtatctgctg gtcaggagca gggaggctgt    900
ctggctggct gagggataag gcgcagtgca acggaaggga tcaggaagcc tgagaggagc    960
caggtacaca cagctgctct gggcagctgc cctcttagtc tcttccacct caaggagcca   1020
aagcaaacc caggtccag ggacagagga taaactgcct tcattccagg ccctcgctct   1080
ggaaaaagg gtgacgggta gcctaggcct ctgaggaacc agtctgtcat caatctttgc   1140
aaagcaaagc tgttcttttt ccaactttat tcagaatgtt ctgccttcaa ggtactgatt   1200
gcacacagga aatgtaccag gtatagttac tgagctgggg ccaccaatgg agatggagca   1260
ctgcagaccc ctaagagttc aagccatgct ggagtgggaa gacctatcca ccttctgaac   1320
atagcaggca gaaggctcag agtcctggag gcagactctc tcctggtttt ccttgtgctg   1380
atggcaaaat actaacaag tcttctctcc gtcacttcta agcccaggga tgcaatctca   1440
ctccctggca ctctgctttc ttctagaagt agtaaggctg gctggtaggg aaccacctg   1500
aggggtatgg gaaggggaag tcggttacct ttccctatct cccaaaatac tagaggtggg   1560
gttggcacc cccagaggct ctccgagcct acagagctag cccagtctcc aggcaaggcc   1620
cagatgccct gggacttagc tcggggaggg aggtataggc atgggggtgct cgtctgtcct   1680
ggcggctgca gagccctgcc ctttttctgg gcggcagtag gaatacagaa gctaagctca   1740
ccaaaatcct attggttaat gtttctagt gatttcccag aaacattttt aagtagacta   1800
ccaaactacc ctttcttaat taaaaattca ttaaaccact aaaaccctc ccatgcactt   1860
tttcttgcaa atcagatatt tgtataaaca aacaaaaata ggaagaaaaa aaaaagaaag   1920
gatattttca aatggaactt actttttaag tgatggagac atgcacttgg ggggtgggtg   1980

```

```

gtgtgagttt tcatttgtgt tttgaaatcc caaattaatg agcatgataa actgttattg 2040
ctggcactgg ctttacccca agtggccaag tggcactgtc tgactctctg agtccttgct 2100
gggtccccc aaaccttcccc taacccccac cctttccctt tccattgact tgggacagcc 2160
cttgtcgatg tgccaatcac agtgggaagg gggagaagg gggaggtcac agtgcattgg 2220
gttcaagggtc acagtgggcg gagcaagggg gatcacagtg caagtaagtc aggtcgttcc 2280
ctctgctcaa gtccagctgt ctgccacggc agtgcaaccc gtggcggacg acccaggagg 2340
cggtgacggc agcaacggcg gcatcttttc ttgcctgcat ttatctgcgc tgtttgaagc 2400
cttgagaccc atcaggaccc aaaggctgtc tgatcacatt attgggctgc ctgctgtctt 2460
cgggttggga gatcctgggt ggccctgtcg ggatgggttt ctctgctcc tcctcggggc 2520
tggcgctgcc caggatccgc ttccggggcct cggcgctact ggccctctcg tgtgctaggg 2580
acttgactgg aagggtgggc ctgctggtgg agttggggct gctgaccaca ccgttgctgg 2640
tgggcctctt gaggatgcgg atctgtggag ggggccccgc gggaaggcta tcgtcctgaa 2700
tcacaatggg cactttggga ggagatttgg atttctgcc cgctgtctgc cgcctcttcc 2760
cagctctcag cgacctctc atcttccatc ttactcgggg cgtttgccct naatttcngg 2820
ngcngttgct cngncannct aggnntactc agtttnngga agctgggnac ct 2872

```

```

<210> 7072
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(427)
<223> similar to gi710295 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7072
tataaatgca gaccgcgcgg ccgtagcttc ctctctgctc tcgcggccga ctcgcaagat 60
ggcgccgcag aaagacagga agcccaagag gtcaacctgg aggtttaatt tggaccttac 120
tcatccagta gaagatggaa tttttgattc tggaaatttt gagcaatttc tacgggagaa 180
ggttaaagtc aatggcaaaa ctggaaatct cgggaatggt gtacacattg aacgcttcaa 240
gaataaaatc acagttgttt ctgagaaaca gttctctaaa aggtatttga aataccttac 300
caagaaatc cttaagaaga acaatcttcg tgattggctt cgagtgggtg catctgacaa 360
ggagacctac gaacttcggt acttccagat tagtcaagat gaagatgaat cagagtcgga 420
ggactaggca aaggctcccc ttacagggct ttgcttatta ataaaataaa tgaagtatac 480
atgagaaata ccaagaaatt ggcttttagt ttatcagtga ataaaaaata ttatactctt 540
gaaaaaaaaa a 551

```

```

<210> 7073
<211> 4820
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (581)...(2551)

<223> similar to gil098569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7073

cctcaggatg	cactgttgcc	agtcagcggt	actcatttta	ttccctaggg	aacagtgggt	60
ttggtagaac	tctcttctaa	atctcttttt	catagaatth	aaattataaa	ttggtcattt	120
actgttgta	cacaatattg	cggttgctgaa	ttttccactg	attatattca	ttttattttcc	180
tcccagaact	tggtttcttg	tttttctgct	cactgtccac	accactcca	ccccaaggct	240
ggaataattc	tcttgagaca	aaaaaatcat	ctttttcttt	gtatttcatt	gaacgtttct	300
tttacagtgt	taggtaaaacc	gctgctgcgc	gttttgctcc	gcgtctcgcc	ccgtccgtct	360
cctgactggc	cgctcttgct	cttctctccg	ctttttcttc	tctcgctctg	cggtctgaag	420
atgccctcgg	ccaccagcca	cagcgggagc	ggcagcaagt	cgtccggacc	gctcaccgcc	480
gtcgggtatc	tccgggagtg	aggcggccgc	gggagccggg	gccgccgcgc	cggtcttctca	540
gcaccccgca	accggcaccg	gcgctgtcca	gaccgaggcc	atgaagcaga	ttctcgggggt	600
gatcgacaag	aaacttcgga	acctggagaa	gaaaaagggt	aagcttgatg	attaccagga	660
acgaatgaac	aaaggggaaa	ggcttaatac	agatcagctg	gatgccgttt	ctaagtacca	720
ggaagtcaca	aataatttgg	agtttgcaaa	agaattacag	aggagtttca	tggcactaag	780
tcaagatatt	cagaaaacaa	taaagaagac	agcacgtcgg	gagcagctta	tgagagaaga	840
agctgaacag	aaacgtttta	aaactgtact	tgagctacag	tatgttttgg	acaaattggg	900
agatgatgaa	gtgcggactg	acctgaaaca	aggtttgaat	ggagtgccaa	tattgtccga	960
agaggagtgt	tcattgttgg	atgaattcta	taagctagta	gacctgaac	gggacatgag	1020
cttgagggtg	aatgaacagt	atgaacatgc	ctccattcac	ctgtgggacc	tgctggaagg	1080
gaaggaaaaa	cctgtatgtg	gaaccaccta	taaagttcta	aaggaaattg	ttgagcgtgt	1140
ttttcagtca	aactactttg	acagcaccca	caaccaccag	aatgggctgt	gtgaggaaga	1200
agaggcagcc	tcagcacctg	cagttgaaga	ccaggtaacct	gaagctgaac	ctgagccagc	1260
agaagagtac	actgagcaaa	gtgaagttga	atcaacagag	tatgtaaata	gacagttcat	1320
ggcagaaaca	cagttcacca	gtggtgaaaa	ggagcaggta	gatgagtgga	cagttgaaac	1380
gggtgagggtg	gtaaattcac	tccagcagca	acctcaggct	gcatccctt	cagtaacaga	1440
gccccactct	ttgactccag	tggctcaggc	agatccctt	gtgagaagac	agcgagtaca	1500
agaccttatg	gcacaaatgc	agggtcccta	taatttcata	caggattcaa	tgctggattt	1560
tgaaaatcag	acacttgatc	ctgccattgt	atctgcacag	cctatgaatc	caacacaaaa	1620
catggacatg	ccccagctgg	tttgccctcc	agttcattct	gaatctagac	ttgctcagcc	1680
taatcaagtt	cctgtacaac	cagaagcgac	acaggttcct	ttggtatcat	ccacaagtga	1740
ggggtacaca	gcatctcaac	ccttgtaaca	gccttctcat	gctacagagc	aacgaccaca	1800
gaaggaaaca	attgatcaga	ttcaggcaac	aatctcttta	aatacagacc	agactacagc	1860
atcatcatcc	cttctgtctg	cgtctcagcc	tcaagtatth	caggctggga	caagcaaac	1920
tttacatagc	agtggaatca	atgtaaattgc	agctccattc	caatccatgc	aaacggtgtt	1980
caatatgaat	gccccagttc	ctcctgttaa	tgaaccagaa	actttaaaac	agcaaaatca	2040
gtaccaggcc	agttataacc	agagcttttc	tagtcagcct	caccaagtag	aacaaacaga	2100
gcttcagcaa	gaacagcttc	aaacagtggg	tggcacttac	catggttccc	cagaccagtc	2160
ccatcaagtg	actggtaacc	accagcagcc	tcctcagcag	aacactggat	ttccacgtag	2220
caatcagccc	tattacaata	gtcgtggtgt	gtctcgtgga	ggctcccgtg	gtgctagagg	2280
cttgatgaat	ggataccggg	gccctgccaa	tggattcaga	ggaggatatg	atggttaccg	2340
cccttcattc	tctaaccctc	caaacagtgg	ttatacacag	tctcagttca	gtgctccccg	2400
ggattactct	ggctatcaac	gggatggata	tcagcagaat	ttcaagcgag	gctctgggca	2460
gagtggacca	cggggagccc	cacgaggtcg	tggaggggccc	ccaagaccca	acagagggat	2520
gccgcaaatg	aacactcagc	aagtgaatta	atctgattca	caggattatg	tttaatcgcc	2580
aaaaacacac	tggccagtg	accataatat	gttaccagaa	gagttattat	ctatttggtc	2640
tccctttcag	gaaacttatt	gtaaagggac	tgttttctatc	ccataaagac	aggactacaa	2700
ttgtcagctt	tctattacct	ggatatggaa	ggaaactatt	tttactctgc	atgttctgtc	2760
ctaagcgtca	tcttgagcct	tgcacatgat	actcagattc	ctcacccttg	cttaggagta	2820
aaacaatata	ctttacaggg	tgataataat	ctccatagtt	atttgaagtg	gcttgaaaaa	2880
ggcaagattg	acttttatga	cattggataa	aatctacaaa	tcagccctcg	agttattcaa	2940

tgataactga	caaactaaat	tattttcccta	gaaaggaaga	tgaaaggagt	ggagtgtggt	3000
ttggcagaac	aactgcattt	cacagctttt	ccagttaaat	tggagcactg	aacgttcaga	3060
tgcataccaa	attatgcatg	ggtcctaatac	acacatataa	ggctgggtac	cagctttgac	3120
acagcactgt	tcatctggcc	aaacaactgt	ggttaaaaaac	acatgtaaaa	tgctttttaa	3180
cagctgatac	tgtataagac	aaagccaaga	tgcaaaaatta	ggctttgatt	ggcacttttt	3240
gaaaaatatg	caacaaatat	gggatgtaat	ccggatggcc	gcttctgtac	ttaatgtgaa	3300
atattttagat	acctttttga	acacttaaca	gtttctttga	gacaatgact	tttgtaagga	3360
ttggtactat	ctatcattcc	ttatgacatg	tacattgtct	gtcactaatc	cttggatttt	3420
gctgtattgt	cacctaaatt	ggtacaggta	ctgatgaaaa	tctctagtgg	ataatcataa	3480
cactctcggt	cacatgtttt	tccttcagct	tgaaagcttt	tttttaaaaag	gaaaagatac	3540
caaatgcctg	ctgctaccac	ccttttcaat	tgctatcttt	tgaaaggcac	cagtatgtgt	3600
tttagattga	tttccctggt	tcagggaagt	cacggacagt	agtttcagtt	ctgatgggat	3660
aagcaaaaaca	aataaaaact	ttataaaaagt	tgatctttga	aacactgggt	ttcaacagct	3720
agcagcttat	gtgattcacc	ccatgccacg	ttagtgtcac	aaattttatg	gtttatctcc	3780
agcaacattt	ctctagtact	tgactttatt	atcttttgtc	taattttaacc	ttaactgaat	3840
tctccgtttc	tcctggaggc	atttatattc	agtataaatt	ccttccctta	gatgcatagg	3900
gagagtctct	aaatttgatg	gaaatggaca	cttgagtagt	gacttagcct	tatgtactct	3960
gttggaaattt	gtgctagcag	tttgagcact	agttctgtgt	gcctatgaag	ttaatgctgc	4020
ttattgtctc	attctgactt	catggagaat	taatcccacc	tttaagcaaa	ggctactaag	4080
ttaatgggat	tttctgtgca	gaaattaaat	tttattttca	gcatttagcc	caggaattct	4140
tccagtaggt	gctcagctat	ttaaaaacaa	aactattctc	aaacattcat	cattagacaa	4200
ctggagtttt	tgctgggttt	gtaacctacc	aaaatggata	ggctgttgaa	cattccacat	4260
tcaaaaagttt	tgtagggtgg	tgggaaaatgg	gggatcttca	atgtttattt	taaaataaaa	4320
taaaataagt	tcttgacttt	tctcatgtgt	ggttgtggta	catcatattg	gaagggttaa	4380
ccctgttact	ttggcaaatg	agtatttttt	tgctagcacc	tccccttgcg	tgctttaaat	4440
gacatcctgc	ctgggatgta	ccacaaccat	aatgttacct	gtatcttaag	gggaatggat	4500
aaaatatattg	tggtttactg	ggtaatccct	agatgatgta	tgcttgacgt	cctatataaa	4560
actaaaatttg	ctatctgtgt	agaaaataat	ttcatgacat	ttacaatcag	gactgaagta	4620
agttcttcac	acagtgcact	ctgaatcagt	ttcagagaag	ggatggggga	gaaaatgcct	4680
tctagggtttt	gaacttctat	gcatttagtc	agatgttggt	aatgtgtaaa	ggtgttcata	4740
gtttgactgt	ttctatgtat	gttttttcaa	agaattgttc	ctttttttga	actataattt	4800
ttcttttatt	ggttatttta					4820

<210> 7074

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (111)...(256)

<223> similar to gil244410 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7074

gaggcctacg	agcaggtcca	aaagggaccc	ctgaagctga	aaggcgctgc	atagctggga	60
gcgaccaagt	ggcaataata	agaaccggag	acggcagatg	caggcggaac	tcctgtgaac	120
tgctgataat	cagctggaac	atcttcgacg	agctgctgca	cgggttcaag	tactccatgc	180
agaatctggc	atacacggag	tcgcggaacc	agcggcaggt	gttgggggag	cgcatgcagc	240
gagcccccaa	ctgaggcccc	agctaccagc	cctgggcggt	cgtatcatca	gatgctcctg	300

tgcacatcgcg	ccaacacggg	agccagtgcc	gcgaggaat	gtgggggtccc	ctgtgttccc	360
tcgccatagg	agcactcggg	aagggtcagt	aggggtccact	agaccg		406

```

<210> 7075
<211> 5185
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (390)...(2338)
<223> similar to gi35842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7075						
ggtcgggagg	acgagcaccg	agtcgagggc	tcgctcgtct	gggccgccc	agagtcttaa	60
tcgcgggcgc	ttgggcccgc	atcttagatg	gcgggagtaa	gaggaaaacg	attgtgaggc	120
gggaacggct	ttctgctgcc	ttttttgggc	cccgaagagg	gtcagctggc	cgggctttgg	180
ggcgcggtgc	ctgagggcgc	gagcgcggtt	gctacgatgc	gggggctgct	cggggctccg	240
ccccctgggc	tggggacgcg	ccgaatgtga	ccgcctcccc	ctccctcacc	cgcgcggggg	300
aggaggagcg	ggcgagaagc	tgccgcggaa	cgacaggacg	ttggggcggc	ctggctccct	360
caggtttaag	aattgtttaa	gctgcacaa	tggagcacat	acagggagct	tgggaagacga	420
tcagcaatgg	ttttggattc	aaagatgccg	tgtttgatgg	ctccagctgc	atctctccta	480
caatagttca	gcagtttggc	tatcagcgcc	gggcacacga	tgatggcaaa	ctcacagatc	540
cttctaagac	aagcaacact	atccgtgttt	tcttgccgaa	caagcaaaga	acagtgggtca	600
atgtgcgaaa	tggaatgagc	ttgcatgact	gccttatgaa	agcactcaag	gtgagggggc	660
tgaaccaga	gtgctgtgca	gtgttcagac	ttctccacga	acacaaagg	aaaaaagcac	720
gcttagattg	gaatactgat	gctgcgtctt	tgattggaga	agaacttcaa	gtagatttcc	780
tggatcatgt	ccccctcaca	acacacaact	ttgctcggaa	gacgttccct	aagcttgcct	840
tctgtgacat	ctgtcagaaa	ttcctgctca	atggatttcg	atgtcagact	tgtggctaca	900
aatttcatga	gcactgtagc	accaaagtac	ctactatgtg	tgtggactgg	agtaacatca	960
gacaactctt	attgtttcca	aattccacta	ttggtgatag	tggagtccca	gcactacctt	1020
ctttgactat	gcgtcgtatg	cgagagttct	tttcaggat	gcctgttagt	tctcagcaca	1080
gatattctac	acctcacgcc	ttcaccttta	acacctccag	tcctcatct	gaaggttccc	1140
tctcccagag	gcagaggctg	acatccacac	ctaattgtcca	catggtcagc	accaccctgc	1200
ctgtggacag	caggatgatt	gaggatgcaa	ttcgaagtca	cagcgaatca	gcctcacctt	1260
cagccctgtc	cagtagcccc	aacaatctga	gcccaacagg	ctggtcacag	ccgaaaaccc	1320
ccgtgccagc	acaaagagag	cgggcaccag	tatctgggac	ccaggagaaa	aacaaaatta	1380
ggcctcgtgg	acagagagat	tcaagctatt	attgggaaat	agaagccagt	gaagtgatgc	1440
tgtccactcg	gattgggtca	ggctcttttg	gaactgttta	taagggtaaa	tggcacggag	1500
atgtttgcagt	aaagatccta	aaggttgtcg	acccaacccc	agagcaattc	caggccttca	1560
ggaatgagg	ggctgtttct	cgcaaaacac	ggcatgtgaa	cattctgctt	ttcatggggt	1620
acatgacaaa	ggacaacctg	gcaattgtga	cccagtggtg	cgagggcagc	agcctctaca	1680
aacacctgca	tgtccaggag	accaagtttc	agatgtttca	gctaattgac	attgcccggc	1740
agacggctca	gggaatggac	tattttgcat	caaagaacat	catccataga	gacatgaaat	1800
ccaacaatat	atttctccat	gaaggcttaa	cagtgaataa	tggagatttt	ggttttggcaa	1860
cagtaaagtc	acgctggagt	ggttctcagc	aggttgaaca	acctactggc	tctgtcctct	1920
ggatggcccc	agagggtgat	cgaatgcagg	ataacaaccc	attcagtttc	cagtcgggatg	1980
tctactccta	tggcatcgta	ttgtatgaac	tgatgacggg	ggagcttcct	tattctcaca	2040
tcaacaaccc	agatcagatc	atcttcatgg	tgggccgagg	atatgcctcc	ccagatctta	2100

gtaagctata	taagaactgc	cccaaagcaa	tgaagaggct	ggtagctgac	tgtgtgaaga	2160
aagtaaagga	agagaggcct	ctttttcccc	agatcctgtc	ttccattgag	ctgctccaac	2220
actctctacc	gaagatcaac	cggagcgctt	ccgagccatc	cttgcatcgg	gcagcccaca	2280
ctgaggatat	caatgcttgc	acgctgacca	cgtccccgag	gctgcctgtc	ttctagttga	2340
ctttgcacct	gtcttcaggc	tgccaggggga	ggaggagaag	ccagcaggca	ccacttttct	2400
gctccctttc	tccagaggca	gaacacatgt	tttcagagaa	gctgctgcta	aggaccttct	2460
agactgctca	cagggcctta	acttcatgtt	gccttctttt	ctatcccttt	ggggccctggg	2520
agaaggaagc	catttgcagt	gctggtgtgt	cctgctccct	ccccacattc	cccatgctca	2580
aggcccagcc	ttctgtagat	gcgcaagtgg	atgttgatgg	tagtacaaaa	agcagggggcc	2640
cagccccagc	tgttggtctac	atgagtattt	agaggaagta	aggtagcagg	cagtccagcc	2700
ctgatgtgga	gacacatggg	attttggaaa	tcagcttctg	gaggaatgca	tgtcacaggc	2760
gggactttct	tcagagagtg	gtgcagcgcc	agacattttg	cacataaggc	accaaacagc	2820
ccaggactgc	cgagactctg	gccggcccga	ggagcctgtc	ttggtactat	ggaacttttc	2880
ttaggggaca	cgtcctcctt	tcacagcttc	taagggtgtc	agtgcattgg	gatggttttc	2940
caggcaaggc	actcggccaa	tccgcatctc	agccctctca	gggagcagtc	ttccatcatg	3000
ctgaattttg	tcttccagga	gctgccctta	tggggcgggg	ccgcagggcc	agcctttgtg	3060
ccagccttgt	ttctctaaca	aacaagggcc	agccttggtt	ctctaacaaa	caaacaaaca	3120
aacagccttg	tttctctagt	cacatcatgt	gtatacaagg	aagccaggaa	tacaggtttt	3180
cttgatgatt	tgggttttaa	ttttgttttt	attgcacctg	acaaaataca	gttatctgat	3240
ggtccctcaa	ttatgttatt	ttaataaaat	aaattaaatt	taggtgtaat	ggctggctgt	3300
tacctccttt	taaagtaatt	ctgagctcac	aacttgaatg	ccccatttgt	tcacctctt	3360
caggagcaga	attcaagaac	aggaaatgtg	cccagagcct	aggctgggaa	tgaatttgta	3420
atttaacctt	tgtactcttt	gtaaacctct	actgaagagt	taagtataaa	aattaattaa	3480
gcagaaagta	ctctaaactc	agctaatacc	ttaagtaata	cattttataa	actatttatt	3540
tatttggtag	gtacagcttt	tttaaacaca	aaaatagatt	agataaattc	cagcttggaa	3600
caagctagtg	ctgggttcaca	aggttatgct	cacccttcaa	ttaaaatcaa	aatgactaca	3660
agacttgcca	tcagctctct	tcaggaccac	tgctgggtca	gaatcagaaa	ccttgggtgc	3720
catgaaattt	ttacaaaatt	tcaaatcaaa	gccaggcttt	gcagctagat	aatagatcac	3780
ttgagtacga	accacacatg	taagtgcacg	tatatgtgag	ttctcaatac	aattaccctg	3840
atgggcaaga	accacaggtg	gagagcagag	gcttgggtcc	cctagagggc	cctggctgga	3900
ggcccccaaca	ccaaccagac	gacaggaggg	ccagactgtc	accagtgact	gtacctctg	3960
ctccttcaag	agcctcccta	agggagaaga	agatctatac	ttccactttg	tttgctgcac	4020
atgtggcaac	aagattgcta	ccctgatttg	ggacacttga	gagaacttga	aaaaaatgac	4080
cacccttaaa	gccctagaaa	aaagttgtat	gtttgttaac	agctatgctg	cgctcacttt	4140
gcatttgttg	ttcttgaaag	ctctgtataa	atcaaaattt	tgacgacaca	ctaaatacac	4200
tagagaaata	cactatagag	gaatcctttt	atagggctga	agactccttt	ggtaagaaaa	4260
atatgctgca	ttaggggcag	ctgcaagttt	actatttctg	gggaagaaaa	gatcaaagat	4320
aagagccagg	tttgtttttt	aaagcaatca	atccaaacag	tttgggtggt	tgttagttgt	4380
tacccttgag	gggcttgagg	tgttaactata	tcagctataa	aaatagcaat	tccatacatt	4440
taattaggtt	acttttatatc	tttcaactctt	ccccatggct	gtaataatgg	agattgaatg	4500
agactaaggc	taagegcaac	tccactcaaa	tccaagtccac	acgtcacctt	gggctgcagt	4560
acaggggaagc	tccgcacacc	ctggcttggg	aaagtttcgg	ccgatggagc	ccaagatgca	4620
gggcaaccat	ctaactcttt	agggttctga	tgaattccca	ctccagaaag	gtgcatgaaa	4680
gaggtccccg	agctctgtca	tgtcgacatc	ttcattgttg	gggacatgcc	ggctttctcg	4740
gttctcgatg	aaatcccaga	gccgcacttg	aattaaagaa	cctcacagtg	gccttgagaa	4800
cttgagctgt	ttccgaggtt	tctcaggctc	tgctaagccg	cccatcgggg	taagcatggc	4860
gataaagaca	tttgcttcca	aatgggcagg	tccccttgcc	ttgctcaaag	tatttacagg	4920
ctttttttccc	catcccctgg	tttgaaagct	tcaatcaact	cgttcttttt	attctgatct	4980
tccacccaat	acacacttgg	aattacaaac	tctgatatca	cacggcatte	tggacaagac	5040
ttaatgattg	ggttttcaaa	ctgtttggca	caccgccact	gccggatgca	ggacaaacag	5100
tacgtgtgat	tgcaattgga	gagaatccca	aatctcctct	cagaagcaga	ggccttctcc	5160
aggatcactt	ccatgcagat	actgc				5185

<210> 7076
 <211> 3002
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2736)...(2344)
 <223> similar to gi3041852 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7076

ctgggggggct	cttataaaag	ggaaaaatta	atgccgggggt	agggagaacc	caagttaagg	60
tttgggccaa	tttggccgga	aattctccta	aaaggaaaac	ctttgtttat	gggaaaattt	120
aaactaaatg	cactatggta	gaagtgggac	taaaaaggct	tcaatttaca	ttggtccgac	180
aaaaaaggag	ttagttttgg	gagagcccca	aggggtttgg	ggcatatatg	ttatcggtt	240
tatcccaaat	taattttttg	aaataaaaaa	accttttttt	tttttttaaa	ggaaagccac	300
ccaagatta	gggagtaagc	cttttagttta	aatgttcaat	ttaagtattg	tcaagcctag	360
gctaaataga	ggactgcatt	ttcttagagt	gtggaataca	acttatttat	ttcatttttg	420
tttctctttc	tcttgctctt	ctttttgtca	gcaaaaaggg	gaaaagctat	tcaattaagt	480
acaaaggaaa	ttccctgtaa	ggttaaaata	aaaaatgaag	ctaccattca	agggaacttc	540
tctgtattca	accctaattg	cagtggttta	tactgagtt	ggaattaagt	gaatcaaagt	600
ctctatcaag	catactccac	ctagcatacc	atctgtacct	gtaattcatt	tagagcccag	660
atggtggtgc	cagttcacac	ctaaatggta	cttggttcaa	gccagttca	ctttgagggg	720
ttgaggtggt	tgacttgaaa	catctgaacc	atctccctct	gttgggctgc	cgctggtacc	780
actggtcacc	aggcttgagg	atgctgcttc	ccccgccag	gaatattttc	ttccaaagga	840
ttttcttcta	tctgggttcc	tctaccttca	ctgacactgg	catcttcaaa	cattgaatct	900
tctggcagca	ccagttccac	atccttcaca	ccttctgacc	catctttgat	acaggggagc	960
tgggaatctg	cactgatttc	tgtagttgct	ggaggaatca	gggcaatact	ctgaggggtc	1020
atgtcatgaa	accaagccat	gatgttgccg	agaagattgt	cattgatggt	ggggtcctgg	1080
ccagctgagt	caggatcact	agatgagggg	cagaaatcac	ttcttgcttc	actgagaggg	1140
tgtgagctca	gggtgtcagt	tgaaaatggg	tattctctct	ctcctagtct	catgaggtct	1200
tcaccaagtt	ccaaaagctc	agagctgctc	aatgcagccc	gagggctatc	tgtatttctg	1260
gggacagagt	ccagcctgga	aggtaaagaa	gtgcctatcg	cacctaaagg	tgcttcatta	1320
ctgaggaagt	ctctagtttc	ttcatcgagg	gccagcccag	actcttgtag	tgataactgt	1380
attgcaagaa	gtatattggg	atcgtcttca	tccaaggaac	tcagagcctg	aagagagtcc	1440
tggttttcag	agcgactggc	aggggtgtag	tcacgcaggg	aagagctgtg	cagcacactc	1500
atagatgcag	aacttaccac	ggatgtgccg	ggcctgcggc	tgctgctgcc	gccttctgga	1560
atatctaaag	tgctttcact	tggctcatca	gggtctggag	gattactgag	tagactgtga	1620
acatctcctc	gacgacgttg	tctgtgcctc	ctccgatact	gaaattcagc	atattcctct	1680
ggtgatgcaa	atcctaaata	ttcccaatcc	catgttccac	cagcaaagct	gcgccttgga	1740
gcttctgggt	agtctgcagg	agctactccc	cgagccacag	atgccaggaa	ttcttgcttc	1800
ttctgctgta	caaggcatgc	tgctttgatg	atcttgtggc	ggggtgtgcg	aaggtaaggc	1860
ctattgactt	tctgggcaag	gtcttcagtg	accatttcta	ggtctgtttg	cattagttca	1920
aaaattttctt	tctttgtgct	tttaggttcc	aagaaaaatc	catatggata	agaacacttg	1980
agaatgcgcc	gagtttttaa	gagcacatga	actgcattct	caatgaaagt	ggtatcttga	2040
cagcctcctt	cagttttctt	gagagctctg	ctcaattgct	ccatcttttc	tttggctggt	2100
ttaagaaggc	gttgttctag	ctgataacta	tgtcatggt	ttttaaatct	tgtataatag	2160
tgataaaatc	tgtcaagttc	ctgaaatcgt	ttgtgttttt	tctcagcctc	cacagtcatt	2220
tccttggtg	gctcctccac	gtgttgaaatg	acttcatagc	gagtacatct	gtaaataacc	2280
tcccagtgga	cgaaactatg	ttttttccac	tcttcaaggc	aaatccagca	aaagtcatac	2340
ttgcacttag	cacactgcat	gtgattgcag	ccttcattct	tctgtatttg	agacttacag	2400
ttggcacaag	gcttggtggt	agttaataac	cagagacaat	tggcggtatc	ctcgtaggct	2460
tcactaactc	ccacaagttc	ttctggtttc	atttcggtta	ttttttgcag	ccaattcttc	2520

catgtttggc	agtcacaagg	ctcatgtgct	tcaccaaggc	actcccagca	gaagaggtgt	2580
ccttttccac	aatcaacagc	aggagctctc	agcaatggga	agctgagtgt	atcagatcca	2640
gatgtatttg	acccttggtt	cgttagtctt	actgctctgt	cacagcctgg	agtaggacac	2700
catttaaatgg	caggattatt	ttcaacaaag	gccttaatat	caaactgtag	gtatcgtttg	2760
tccatctcct	ttgaaactac	actttttatg	atatccccag	gtacaagttg	gaagcaatca	2820
tatgcagggc	aaaaaatggt	gtgagcttcc	ccttcttgaa	ttttcagatt	caaaaaccta	2880
ttaaaatgga	tcaatgccct	tcccccgagc	aaggatatta	agttatgcgt	gcattataag	2940
gattttccat	tttctttcct	ttttttgtta	gagacaggca	tcgtgtcacg	caagtcgtaa	3000
tc						3002

<210> 7077
 <211> 1868
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1797)...(658)
 <223> similar to gi31221 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7077						
tttttttttt	ttcagccata	gacacatctc	tatatattata	tattagacgg	gtcagggagg	60
tggcaggggc	gccgggctct	ccacgcccc	cagctccact	tctgctcacc	acacacagaa	120
gcagcgaggg	cacgcgaagt	gacagctttg	acagggaggg	gattcgggcc	ggcctggctc	180
ctcaggggatg	ctagcccttg	agactaagga	atgttccttc	agggaaacta	gggtgggggt	240
tgaatgagat	gaggggggca	ggcatggccc	tgagtcccta	ctcagcgccc	cccaccctcc	300
acctctgccc	ttcagcaggt	tggggcagcc	agaacccttc	cattccagaa	ctgccagaga	360
ctgggacgct	ggggaaggta	agggcgagc	agcagcagca	gcgggagatt	gaactggggc	420
cacctgagct	cccaggcccc	cgtggggagg	gcgggtgggg	aggagaaggc	cttggccttg	480
gcctgcctga	agctggaggc	ctcagcaaag	gagagaggtg	gccaggccca	tgtctcacc	540
cggcctgggc	tgccaaggtc	cgggctgggc	acagtgtcca	ttttctaaca	gtctggcggg	600
agaggggcag	gcaggaggca	ggtccaggcc	ccagggtgca	gagatgtctg	tctgggctag	660
ggggcctcca	gcactccggg	ctggaagcgt	gctgtctcct	ggaagatgag	ctccttcagc	720
cgctccttag	gtaggtcatc	cagctccatg	gcgaagggtg	agggctcctc	ggccactggc	780
tcatccgtcg	ggtcatagta	ctgctccagg	taggggtgag	ccagcgcttc	ctccactgtg	840
atccgtttat	tggggttaaa	ggttaacatc	cgggtccagca	ggtcaagggc	tttggagtct	900
gacttgggga	aaagcttggc	ccaagccacc	ttggtcttgg	agggcagaga	ctgtaggtag	960
tttcgggcct	tcatgttgat	gatacaattc	aggtcctcct	gggatgggga	gcccaggatg	1020
cccagaatgt	ggttgagctg	atccaggtag	tgcttgccag	ggaagatggg	ccggttagag	1080
agcatctcag	ccagaatgca	gcccacagac	cagatgtcga	tggacttggg	atagcccttg	1140
gagttcagca	tgatctctgg	ggcccggtag	cagcgctgag	ccacatactc	cgtcaggaa	1200
ccggtgtggg	catgtctcag	atcggcaatc	cgggccaggc	cgaaatcaca	aatcttaagg	1260
tcgcaggtgg	tgttgatgag	caggttggag	ggcttttagat	ctcgggtggg	cacgttggcg	1320
gagtggatgt	acttgaggcc	ccgcaggatc	tggtagagga	agtagcagat	atggtcattg	1380
ctcagctgct	ggcttttcag	caacttgtac	aggtcagctc	ccatcaggtc	ctgcacaatg	1440
tagacatctc	tcatggcttc	caggttggac	gcccgcagaa	tgtctcggat	gccgatgaca	1500
ttctcatggc	ggaagcgagc	caggatctgg	atctcccagg	gcgtgcgctg	gcagtaggtc	1560
tgatgttcga	aggggctgat	cttcttgatg	gccacgcgag	tcttgcgcac	gtggtcatag	1620
gccgagctga	ccatgccgta	cgcgccctcg	ccgatgtact	gcaactgcgt	gtagcgcggg	1680

<210> 7079
 <211> 2000
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (22)...(876)
 <223> similar to gi2769649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7079

cggtctgacc	cacgcgtccg	catggctccg	cggtctgtgca	gcattctctgt	gacggcgccg	60
cggtctgttg	ggggcccg	gcctcgcgt	ggggacgttg	cgtctgcagc	tgcggcgccg	120
ttctattcca	aggacaatga	aggcagctgg	ttccgctccc	tctttgttca	caaagtggat	180
ccccggaagg	atgcccactc	cacctgctg	tccaagaagg	aaaccagcaa	cctctataag	240
atccagtttc	acaatgtaaa	gcctgaatac	ctggatgcct	acaacagcct	cacggaggct	300
gtgctgccc	agcttcacct	ggatgaggac	tacccatgct	cactcgtggg	caactggaac	360
acgtggtatg	gggagcagga	ccaggcagtg	cacctgtggc	gattctcagg	tggctaccca	420
gccctcatgg	actgcatgaa	caagctcaaa	aacaataagg	agtacctgga	gttccgaagg	480
gagcggagcc	agatgctgct	gtccaggaga	aaccagctgc	tcctcgagtt	cagcttctgg	540
aatgagccac	agcccagaat	gggtcccaac	atctatgagc	tgaggacata	caagctcaag	600
ccaggaacca	tgatcgagtg	ggggaacaac	tgggctcggg	ccatcaagta	ccggcaggag	660
aaccaggagg	cagtgggagg	cttcttctca	cagataggag	agctctacgt	ggtgcaccat	720
ctctgggcct	ataaagacct	gcagtctcgg	gaggagactc	gaaacgctgc	ctggagggaag	780
agaggctggg	atgaaaatgt	ctactataca	gtccccctgg	tgcgacacat	ggagtctagg	840
atcatgatcc	ccttgaagat	ctgcctctg	cagtgatgct	gcctacacct	ccacctcctt	900
ccccttctcc	ctcaggcaac	cccgacagac	agtggcactc	ctggctcctgc	tgtcttggtt	960
ttgtcttggc	tctgggagga	ctctgagggg	cagtgtcag	ttcagacaag	ggggaactga	1020
aggctgacaa	gttctgagga	ttacagctct	gcccaggccc	tttctacttt	ccctgcctgc	1080
ctccctcccc	ctgctagaag	tagtttctga	tttccctgaa	tgaaagatag	tgatctttta	1140
ggccttcata	tatcttctaa	aattcctcat	ctcaaggcca	ccagtcccca	gttatcacc	1200
ttggaaatcc	tctgtttagc	ttagttgcac	aaaaggtagt	atgtccagtg	gctagagggtg	1260
gggtgggaag	agaggaggcc	aggccaggcc	ctcaggaatt	ccctggtttc	cactgggcca	1320
cccacttgct	ggacagtctg	agccaagtcc	ctcctgctgg	agaaaagcct	ggaactgcca	1380
aaacaaaaaa	acaaatacaa	acaaacctcg	tcaccacggg	caggaggagg	ttcagacatt	1440
ctgcccagag	gggctgggga	aagggatggg	agccaggaaa	gatttagggg	caggagacag	1500
acacgtaaca	ggaactcgga	aggtagaact	tagaattcag	aacttgggtt	tcaattgtag	1560
aatttggaat	ctggaatata	gaattgggaa	gaagaacaga	gatgacaaaa	gaccacttga	1620
agagaggttc	ctaatactag	acagatggag	agtggcttgg	ctgtttcccc	ctgcatattg	1680
gggttgaaaa	cttaaatgtg	tagttccagt	ccttctatgc	agagtctctc	ctgccctccc	1740
tccttcctgc	aggcaaatat	acaagctaga	ccctgttccc	tcaccctgta	tcctgtctcc	1800
cctaattgac	attctatcag	cccaacctc	attctgcagg	gccacctggg	gtgtggagggt	1860
ggcgggagg	gtcagtgact	ctgggggtct	cctcagtgac	ccccatacct	catcatgaac	1920
ccttggttag	cttgattctg	cctaccatcc	aggaaaactt	gtgctggaat	tgctgatgga	1980
aacaattaaa	tatttactat					2000

<210> 7080
 <211> 1737
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (335)...(644)
 <223> similar to gi3880445 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7080

agaccacatg	gttgagaaag	gagaaagaga	aaatgattac	ttgtaaagaa	aaatccat	60
ctgcagtgg	atgggtaagg	ataatcta	cataatcaca	ttatcctt	atgcctgg	120
acttgtgct	gcctgtatgt	gaatgtta	cccaaagact	cctttagat	tcgctga	180
agttactata	aaaagtat	cgctttcaa	ctccacatt	tcaagaag	caaaactc	240
tacaaggcaa	ttttgaagt	tccctgaa	ctgggctct	gaagacgc	caactgg	300
gatggataa	ggagactgg	gctatatg	gactgacca	gtcacatta	atgtagg	360
acacttgta	acaacgtct	tcaccacatt	gacgcgtta	ccggattcc	tgcttgg	420
tatgtttgg	ggggacttc	ccacagctc	agaccctca	ggcaattac	ttattgat	480
agatggacct	cttttccgat	atgtcctca	cttcttaag	acttcaga	tgacctta	540
gttggattt	aaggaattt	atctgcttc	gaaagaag	gatttttac	agattgag	600
cttgattcag	tgtctcaat	atcctaag	tttgtatcc	atggatact	ttgaaga	660
tgtggagctg	tctagtact	ggaagcttc	taagtactc	aaccagtg	ctgtcat	720
aacgcaacta	accatcac	ctaaggcca	ttccttact	gaaggcat	caaattat	780
taccaagtgg	aataagcac	tgatggac	cagagactg	caggtttcc	ttactttt	840
accctgtgat	tatcaccag	aagtttct	taggggtcc	ctgatgga	acattacaa	900
acaaggtttc	acgatccgc	acacccggg	gcatcacat	agtgagcgg	ccaatgaaa	960
cacagtggag	cacaactgg	ctttctgt	gctagcccg	aagacagac	actgatctc	1020
gaccctgcc	caggttcct	gaaagactc	ccaggaaat	gaagatact	atTTTTTTT	1080
ttaaatcaca	gggggagata	TTTTTTTct	tttaaatag	tgtatttat	tgaaggcag	1140
gaggaccaaa	aggaagt	gtgctttgg	agactcctc	atgttttgt	cccttcccc	1200
tgagtatgca	tgtgcctgt	cagagtctc	agatacctt	tttataaaa	gaagcctga	1260
aatcattatg	gtatataat	taccctta	agagctttt	ttattacag	gctaaaatg	1320
tttctgataa	aatgggtcc	aactcaact	gaaggctaa	aatacaaga	tgaaagaat	1380
agcagagtac	tcatgatgc	tttgagaaa	atcaaaaac	tcatgtagg	tgacctagt	1440
tccaaaccaa	taaataag	gtattgta	attaaagg	aactgttcc	atcatTTTaa	1500
agtacttatt	aagtactgt	ttttacagt	atgacaact	tttctttct	tgcatataaa	1560
tcaaggaacc	aaatatctg	agccatgg	atgtctgac	agaaatatt	atattgaatt	1620
ctgaatacaa	aatgtccct	tggtagaaa	cttactctt	atgcctggt	cagtataaat	1680
tcccaagtgt	actgtctac	agaaaaaaa	aacaaaact	ataaaaaat	aaatatg	1737

<210> 7081
 <211> 1354
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (620)...(301)
 <223> similar to gi4929749 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7081

tttttttttt	ttcagagtga	aaaactttat	taacaacagg	tttcaacgag	aaagcaaagt	60
aataccccta	gaaacatgga	cagcatctcc	cccagcagca	ggcaggggaa	gggagggcagg	120
aggggtaagc	ctaggggtgt	ccctaggaaa	gggccagggt	ccctctatcc	agctgggggc	180
accgagacgg	cctcattcag	ggaagtccag	gatggcagct	gaaggcagca	ggtttagcag	240
ccaaagccca	ggcctagtgg	atagacaggg	tccaaaatgt	gacccttcta	ggctgggtatc	300
accatggggg	cgtcatgggc	tgaggattct	gcagatagga	catcaccacg	gcagagatgg	360
acagcatgaa	gctactcatc	atttgcttcg	tgtcctccga	gctccgagag	ttggcaaagc	420
tgatgaagga	gcagtagaca	gcgacccaag	cacaccactt	cagcttaagc	atgaggccgc	480
acatgctgaa	gatcatgccc	agcaggttca	tgtagtccgg	cgtcgggtcg	tccaaggccg	540
ggttacattc	gctcggcggg	ggcttgtagc	tcagcacttt	gttcggcctc	cgtgggtccg	600
acataattgt	agtggacata	gcgagtcgaa	ggccagatca	cgccctcttc	cgctgcagga	660
atcgagcgtt	ccgggcgtgc	aagctgaggg	cggatttttag	agtaacaccc	gagggccctc	720
gcatttccgt	tcctcatgac	agaggcttgg	actcccctta	cccagagaac	ggagatttag	780
gagaagccag	aagtcttcct	ttcaaagggg	aaatggggaa	aagaacctga	aagcgggctt	840
caatagttcc	aacccgatca	ccgaaatgcc	aaaatgatga	acccggaagt	gataaacagg	900
aagtaggtca	ggaagaacaa	taataagggt	acacccaagc	gtgggtttct	aaggcgcgga	960
attttccgta	cagaccgatt	taaggctgca	aggaaggagt	cctgggagca	tggctttccc	1020
tgagccaaag	ccgcggcctc	cagagctgcc	gcagaaacgg	ttgaagacgc	tggactgcgg	1080
gcagggggca	gtgcgagccg	tacgatttaa	tgtggatggc	aattactgcc	tgacgtgcgg	1140
cagtgacaag	acgctgaagc	tgtggaaccc	gcttcggggg	acgctgctgc	ggacgtacag	1200
cggccacggc	tacgagctcc	tttgacaaca	gtagtctctg	ctccggcggc	ggggacaagg	1260
cgggtggttct	gtgggatgtg	gcatacgggc	aggctgtgcg	caaattccgg	ggccacgcag	1320
ggctctccaa	agtccagcct	cctctgagtg	gcaa			1354

<210> 7082
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (714)...(197)
 <223> similar to gi5326825 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7082

tttttttttt	ttcctttaaa	aatttttaatg	gacaggaaat	ggtatagaat	aactgccaaag	60
tcacataagt	taactttttt	gttaatgttt	gtgatcccg	aaagaacaca	ctatcagtcg	120
atgcaaaccg	catgggcgtt	ttcatcagtc	gttgtctgag	cacatgaccg	agtgtgggcc	180
acggacccat	ctttacttgg	tccagaaata	aaagcggctg	ccatgtgtgg	caggctgcag	240
atctccctcg	atctcagggc	tgggatccgg	tcttggtctt	gagtgatagg	gattctccgg	300

taaagggtcga	tctgtttttca	ctttggtgac	ctttgacagt	tctcccaggt	caggccgcac	360
ccagcccagt	ttgtccagca	cacactcgtc	aaactttgcc	tgctgtttgc	gacagtgcg	420
aaataactgc	tggccagtat	aatcaatgca	agtccaatat	tctgtaaaag	gctctgcaca	480
gtgacgtttt	atctgcctaa	agaagtccaa	agcacacttg	ttgaccagtt	tgccttcctc	540
taaacaccgc	ctcggatctt	tctcttccca	gcggcagagc	ataaactcct	tggtgggctt	600
atcacattga	gctccatagt	gatgggcccgc	agctttaagc	acagcagaac	taattttcac	660
ctcatctact	ttcagctcct	ctagagtggg	cagctccact	atccccggca	tgacggctgc	720
agccccgacc	ccgacgagaa	gccctcagcc	gcgtcgcccc	cgtctccttg	aactccccctt	780
tcgaccgccg	agtgccacac	ggcgcctgcg	catg			814

<210> 7083

<211> 956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (102)...(623)

<223> similar to gi5360105 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7083

ccgccccggc	ccgagagggt	gctcggcgcc	acagcccgga	ggccccggccc	gcgcaggagg	60
cgctcctcct	tcccaccggt	gtctttcagg	ttgcagaaaa	gatggaaaaa	aggacatgtg	120
cactctgccc	caaagatgtc	gaatataatg	tctgtacttt	tgcacaaatc	gagaatatag	180
ctgctcatga	gaattgtttg	ctgtattctt	caggacttgt	ggaatgtgag	gatcaggatc	240
cacttaatcc	tgatagaagt	tttgatgtgg	aatcagtaaa	gaaagaaatc	cagagaggaa	300
ggaagttaga	atgcaaattt	tgtcataaaa	gaggagccac	cgtgggatgt	gatttaaaaa	360
actgtaacaa	gaattaccac	tttttctgtg	ccaagaagga	cgacgcagtt	ccacagtctg	420
atggagttcg	aggaatttat	aaactgcttt	gccagcaaca	tgctcaattc	ccgatcatcg	480
ctcaaagtgc	taaattttca	ggagtgaaaa	gaaaaagagg	aaggaagaaa	cccctctcag	540
gcaatcatgt	acagccaccc	gaaacaatga	aatgtaatac	attcataaga	caagtgaag	600
aagagcatgg	cagacacaca	ggtttgcgct	aagtgttgct	tgtaacaaat	atggcctaca	660
atacttataa	aaatgtcaac	ccacctgttt	caaacttggt	atcccgccct	aatctttatt	720
cttctaggct	tgtggtaatt	aatgagtata	aatctttatc	gcaactgtcc	actctattgt	780
aatcccagca	tatcaagata	acttaggttg	gaatggtcca	ttgcattcag	tattaagaaa	840
agatagactt	ctattaataa	agacacagac	aggcttgcc	gagctcagaa	tccagcaatg	900
tgtcaccctt	cacactgtga	cccctgtaac	tgtagttctc	tgttctttta	agaaat	956

<210> 7084

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

ctcaacagct	acatccatac	cagatatccc	actcaaccct	gtcgcctttgg	aaaactcctg	1200
ttgcttttgc	cagcttttacg	ttctatttagc	ccatcaacta	tagaagaagt	gtttttcaaa	1260
aaaaccatcg	gcaatgtgcc	aattacaaga	ctgctttcag	atatgtacaa	atccagtgat	1320
atctaagctc	acaagatacc	cactttttcag	gatgggacag	tatcagatga	acttcaaccc	1380
atggagaaca	agcctcaact	aacaaaaccct	tcagggaagca	tataccgggg	aatgtgtagc	1440
cttcaggaaa	aaaatgccaa	ttgacacaaa	gcattccagt	agctatgacc	tgccgccctg	1500
accaggatag	ggcgggtggg	aaggagaggg	gtgcaacagg	accgcctgca	ctgaaaaactc	1560
actgctgcca	tgccctggga	ggggggcaaac	tgggggttgc	cacaggccgt	gccattctgc	1620
ctcttacctg	gaagatcagg	ctgaacgatc	aaaagctgaa	cataagtagt	gctttctctt	1680
ccttttttagc	atacaaagtt	tggtaaccaa	atatagctct	gtgtataaca	tcgtactgcg	1740
gccttcaaaa	ctacgttatg	ttggagcatt	tatttttaa			1778

<210> 7087
 <211> 1085
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (355)...(272)
 <223> similar to gi5690333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7087						
tccgtaggaa	gtttggccca	atatgtcccc	cccccaaat	aaagggtccct	cccaaaaatt	60
cccaagtagc	agattttcca	gtccccacgt	tgttaaaaca	cggggaaggc	ctaggttata	120
aataggcccc	ccataaggaa	aaaactatta	cctcgcaagc	acgggtaaac	ttgggcccc	180
caagggatcc	tttaaaacgg	ccgccccctt	ttttttttt	tggtatttta	tttatttatt	240
ttttaaataa	agattgggtc	ttatctcact	ctgttgccca	ggctgatctt	gaactcctgg	300
gctcaagcag	tcctcccacc	tcagcctccc	aaagtgtctg	gattacaggc	atgtgccgtc	360
acaccagacc	ctgcttggtt	taaaagggga	ctttttttt	tcttaatgga	aaaaaatgaa	420
acagagagcc	aaaagctttt	aactgttggt	tttttctttt	cttcaatgaa	agcctctcat	480
tttgaaaaga	catgtttttc	ttcaagcaac	aaagggtgga	gaggaaattc	ctcaactttc	540
tcaacgagtc	atgtaacggt	acactggcct	ccataaagca	ccgattaaga	aagctaaaga	600
ataagatggt	gtattttctt	taaaataatt	taaaatatat	taaattttcc	taaggcaggt	660
tttgtttgaa	tgagggtgtc	tgattagata	actacatgcc	actgaaggag	aacagtactt	720
ttaaggagct	atttttgttt	cgcagtagag	ttgaaaccag	ctgattaatc	caatgaagtt	780
aaacagcaga	gacagatctc	gtacataaga	gtatcagcta	aagtcatgac	tacaccaatt	840
ctttacacaa	ttaagacatc	tttgcaactg	ttcaatttaa	gtactatggt	ttttagataa	900
tcgagaaaaa	cacagttgta	ccttaacatc	tgttgagaaa	atacaaataa	atatgatgct	960
aataaatggc	cactgataac	tcagtagcca	tctgaatagt	catgcgggtt	aagaatacat	1020
ccttgataaa	tctgacatac	aaatttgtca	tttctctgc	atgcacacca	ttgttaaaaa	1080
aaaaa						1085

<210> 7088
 <211> 1965

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (31)...(1201)
 <223> similar to gi5824311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7088

cgagcgcacc	gcggggaagat	ggcgttggag	gtcggcgata	tggaagatgg	gcagctttcc	60
gactcggatt	ccgacatgac	ggtcgcaccc	agcgcacaggc	cgctgcaatt	gccaaaagtg	120
ctaggtggcg	acagtgtctat	gagggccttc	cagaacacgg	caactgcatg	tgaccacagta	180
tcacattatc	gagctgttga	aagtgtggat	tcaagtgaag	aaagtttttc	tgattcagat	240
gatgatagct	gtctttggaa	acgcaaacga	cagaaatgtt	ttaacctctc	tcccaaacca	300
gagccttttc	agtttggcca	gagcagtcag	aaaccacctg	ttgctggagg	aaagaagatt	360
aacaacatat	ggggtgctgt	gctgcaggaa	cagaatcaag	atgcagtggc	caactgaactt	420
ggtatcttgg	gaatggaggg	cactattgac	agaagcagac	aatccgagac	ctacaattat	480
ttgcttgcca	agaaacttag	gaaggaatct	caagagcata	caaaagatct	agacaaggaa	540
ctagatgaat	atatgcatgg	tggaacaaaa	atgggatcaa	aggaagagga	aaatgggcaa	600
ggtcatctca	aaaggaaacg	acctgtcaaa	gacaggctag	ggaacagacc	agaaatgaac	660
tataaaggtc	gatacgagat	cacagcggaa	gattctcaag	agaaagtggc	tgatgaaatt	720
tcattcaggt	tacaggaacc	aaagaaagac	ctgatagccc	gagtagtgag	gattattggg	780
aacaaaaagg	caattgaact	tctgatggaa	accgctgaag	ttgaacaaaa	tggtggtctc	840
tttataatga	atggttagtcg	aagaagaaca	ccagggtggag	tttttctgaa	tctcttgaaa	900
aacactccta	gtatcagcga	ggaacaaatt	aaggacattt	tctacattga	aaaccaaag	960
gaatatgaaa	ataaaaaaagc	tgctaggaag	aggagaacac	aagtgttggg	gaaaaagatg	1020
aaacaagcta	ttaaaagtct	aaattttcaa	gaagatgatg	atacatcacg	agaaactttt	1080
gcaagtgaca	cgaatgaggc	cttggcctct	cttgatgagt	cacaggaagg	acatgcagaa	1140
gccaaagtgg	aggcagagga	agccattgaa	gttgatcatt	ctcatgattt	ggacatcttt	1200
taagtacatt	ttcaacagtt	tgaggactaa	gcctttctaa	aataacattg	taataaacca	1260
tttttactga	gattgcaacg	ttttgcaactg	ataaacatga	gaatctggag	gaaagacaat	1320
tgttttcttg	tttaaaatat	gtgtggaaaag	gaatgcaatt	gatagaacat	ttaaagatat	1380
atctgacaaa	atacttaaga	gtatatagca	caggatttaa	tttctcaatc	tgttgcatgt	1440
gctaattatg	agtattacta	gttgataatc	agttttgtct	aggtcataac	ataccatttg	1500
taagtttgtt	tgctttttca	ggtttatctt	tgcatggaat	tatgctttgc	tttaaaacat	1560
tccgctaaaa	tcataatggg	acataataat	tattaagctg	ttagaaatgc	attcaaattt	1620
gttttttctg	tgttctaaga	actcaggcaa	ttttaaggat	aaaaactaac	attggccagg	1680
cacggtggct	cacgcctgta	atcccaacac	tttgggagac	caaggcgggc	agatcacttg	1740
aggtcaggag	tttgagacca	gccaggccaa	catggtgaaa	cttcatctct	actaaaaata	1800
caaaaactag	ccagggtgtg	ttctccatgc	ctataatccc	ggctactcgg	gaggctgagg	1860
caggagaatc	acctgaaccc	tggaggcaaa	ggttgacagt	agctgagatc	gtaccactgt	1920
actccagcct	gggcgacaga	gcaagactct	gtctcaaaaa	aaaaa		1965

<210> 7089
 <211> 2744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (82)...(1443)
 <223> similar to gi5853321 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7089

agatagtaaa	taatctcggg	aaggcgagaa	agaagctgtc	tccatcttgt	ctgtatccgc	60
tgctcttgtg	acgttgtgga	gatggggagc	gtcctggggc	tgtgctccat	ggcgagctgg	120
ataccatgtt	tgtgtggaag	tgccccgtgt	ttgctatgcc	gatgctgtcc	tagtggaac	180
aactccactg	taactagatt	gatctatgca	cttttcttgc	ttgttggagt	atgtgtagct	240
tgtgtaaatgt	tgataccagg	aatggaagaa	caactgaata	agattcctgg	attttgtgag	300
aatgagaaaag	gtgttgtccc	ttgtaacatt	ttggttggct	ataaagctgt	atatcgtttg	360
tgctttgggt	tggtctatgtt	ctatcttctt	ctctctttac	taatgatcaa	agtgaagagt	420
agcagtgatc	ctagagctgc	agtgcacaat	ggatttttgt	tctttaaatt	tgctgcagca	480
attgcaatta	ttattggggc	attcttcatt	ccagaaggaa	cttttacaac	tgtgtggttt	540
tatgtaggca	tggcagggtg	cttttgtttc	atcctcatac	aactagtctt	acttattgat	600
tttgacacatt	catggaatga	atcgtgggtt	gaaaaaatgg	agaaggga	ctcgagatgt	660
tggtagcag	ccttgttatc	agctacagct	ctgaattatc	tgctgtcttt	agttgctatc	720
gtcctgttct	ttgtctacta	cactcatcca	gccagttgtt	cagaaaacaa	ggcgttcatc	780
agtgtcaaca	tgctcctctg	cgttgggtgct	tctgtaaatgt	ctatactgcc	aaaaatccaa	840
gaatcacaac	caagatctgg	tttgttacag	tcttcagtaa	ttacagtcta	cacaatgtat	900
ttgacatggt	cagctatgac	caatgaacca	gaaacaaatt	gcaacccaag	tctactaagc	960
ataattggct	acaatacaac	aagcactgtc	ccaaaggaag	ggcagtcagt	ccagtgggtg	1020
catgctcaag	gaattatagg	actaattctc	tttttgttgt	gtgtatttta	ttccagcatc	1080
cgtacttcaa	acaatagtca	ggttaataaa	ctgactctaa	caagtgatga	atctacatta	1140
atagaagatg	gtggagctag	aagtgatgga	tactggagg	atggggacga	tgttcaccga	1200
gctgtagata	atgaaaggga	tggtgtcact	tacagttatt	ccttctttca	cttcatgctt	1260
ttcctggctt	cactttatat	catgatgacc	cttaccact	ggtacaggta	tgaacctct	1320
cgtgagatga	aaagtcagt	gacagctgtc	tgggtgaaaa	tctcttccag	ttggattggc	1380
atcgtgctgt	atgtttggac	actcgtggca	ccacttggtt	ttacaaatcg	tgattttgac	1440
tgagtgaagc	ttctagcatg	aaagtccac	tttgattatt	gcttatttga	aaacagtatt	1500
cccaactttt	gtaaagttgt	gtatgttttt	gcttcccatg	taacttctcc	agtgttctgg	1560
catgaattag	attttactgc	ttgtcatttt	gttattttct	taccaagtgc	attgatattg	1620
gaagtagaat	gaattgcaga	ggaaagtttt	atgaatatgg	tgatgagtta	gtaaaagtgg	1680
ccactattgg	gcttattctc	tgctctatag	ttgtgaaatg	aagagtga	acaaatttgt	1740
ttgactattt	taaaattata	ttagacctta	agctgtttta	gcaagcatta	aagcaaattg	1800
atggctgcct	tttgaaatat	ttgatgtgtt	gcctggcagg	atactgcaaa	gaacatgggt	1860
tatttttaaaa	tttataaaca	agtcacttaa	atgccagttg	tctgaaaaat	cttataaggt	1920
tttacccttg	atacgaatt	tacacaggta	gggagtgttt	agtggacaat	agtgtagggt	1980
atggatggag	gtgtcggtag	taaattgaat	aacgagtaaa	taatcttact	tgggtagaga	2040
tggcctttgc	caacaaagt	aactgttttg	gttgttttaa	actcatgaag	tatgggttca	2100
gtggaaatgt	ttggaactct	gaaggattta	gacaagggtt	tgaaaaggat	aatcatgggt	2160
tagaagggaag	tgtttgaaag	tcactttgaa	agttagtttt	gggccagcac	ggtagctcac	2220
ccttgtaatc	ccagcacttt	gggaggctga	ggtgggtaga	ttacttgagc	ccagggaattc	2280
aagaccagcc	tgggcaacat	ggtgaaaccc	tgtttctata	aaaaataatc	tgggctttgt	2340
agcatatgcc	tgtgggtccca	gctactgagg	aggctgaggt	gggaggattg	cttgagccca	2400
ggaggcagag	gttgtagtga	gccaaaggtca	cgtcactgca	ctctagcctg	ggcaacagag	2460
taagacaaaa	aaatatatat	atattgaaaa	tcaaaggagg	caaaattttg	acagggaagg	2520
aagtaactgc	aaaacactag	gcttttagtta	ggtacttata	taaaatctag	tccagttctc	2580
tcatttataaa	aatgaagac	actgaagtac	agacttaaat	agctcagata	gctaattagg	2640
aaatttcaag	ttggccaata	atagcattct	ctctgacatt	taaaaataat	ttctattcag	2700
aatacatgca	taattgattt	tacacctcat	tactggtgga	taat		2744

09453725 "013100

<210> 7090
 <211> 840
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (280)...(541)
 <223> similar to gi238781 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7090
 cccacgcgtc cggaggggaag acagagcagt gcatggttat ggatactgga caaggatatt 60
 tggaaagggtt gacgatgtgt cacactgtgt aagggaatcg catggagatg ggcattccga 120
 actgttaatg gggacatggg actccagttg tctctgatca cttgtgtgga ttttcctggc 180
 gtagaacgac agaagccgct agtaagtcgc caagacctac agcaggaatt ctgcacccaa 240
 gggcataaaa tcttggttatt ttaatttgca tctgggagaa tgtctgagca aggagacctg 300
 aatcaggcaa tagcagagga aggagggact gagcaggaga cggccactcc agagaacggc 360
 attgttaaat cagaaagtct ggatgaagag gagaaactgg aactgcagag gcggctggag 420
 gctcagaatc aagaaagaag aaaatccaag tcaggagcag gaaaaggtaa actgactcgc 480
 agccttgctg tctgtgagga atcttctgcc agaccaggag gtgaaagtct tcaggatcag 540
 gaatcaattc atttacagct ttccagtttt tccagcctgc aagaggagga taaatctagg 600
 aaagatgact ctgaaagaga aaaagaaaag gataaaaaca aagataaaac ctctgaaaaa 660
 cccaagatca gaatgttatc aaaagattgc agccaagaat acacggattc tacaggcata 720
 gacttacacg agtttctgat taacacatta aagaataatt ccagggacag gatgatactt 780
 ttgaaaatgg agcaggaaat tattgatttc attgctgaca acaataatca ttataaaaag 840

<210> 7091
 <211> 3041
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2919)...(1564)
 <223> similar to gil304599 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7091
 tttttttttt ttaattgttt tatttgggaa aagtgttct taaaaaggg cagctgcaaa 60
 atacagagac ctctgcaaca attatttggt ttttcttaa gtgaaagaat ggggtgggatc 120
 caaggaatca aagcagtaga tggacaaacc aggagcatcc ccgagttatt ttcaggaaac 180
 agagcaacaa aacacaaagg tacaatttcc aatcaaggaa ttcttccaac aacttaactt 240
 tagctaattc cagggattcc caagccctcc ctttcggttg aaaagtatga cttatcactg 300

caaaccatt	actccactac	aataaacacc	ttagaacaga	gttttgaatc	acgtctgtct	360
acctgaaagc	tcaggggtg	aatgaggcaa	ataccacaa	aaacaaacac	aaaaacccga	420
caacaaaatg	cctcaagtga	ggacaaaggt	ttctcagaaa	gtgcctgtac	tggaaaggct	480
agatcgtaaa	acattaaata	caactgtgta	tccaagaccc	agtttgtgtt	attatatggg	540
ataaccagggt	agttttaacc	tctatggcta	accccatctc	tctatttata	tagacagagc	600
tagcactgct	atattgacaa	ctaccaatat	actgctttgc	cctttaagat	ctatctgcca	660
cacaaggctt	aaaccactaa	accaggtttt	tctactaagg	ctaagaatac	tgcatctatg	720
cagggatgag	aagcttatca	cacacccaca	cactcacacc	atgtcagccc	ttgggagcca	780
acttccaact	ctgcattgat	gttatgcctc	tctatctttt	atacgtattc	tttctcaatt	840
ttcctatcat	gcaaaacagt	aaaaaatctc	aacacattca	cacctgattc	tggttaccca	900
gtagtattac	ttgtgtgcaa	ttaaacaaga	gaccaaacc	acagaacaag	tgcacgtggt	960
agggattaca	gggtagggaa	cagatataaa	aacacagatg	tgcagatttc	accagaaacc	1020
tcaaggatcc	acatcccatg	tctggggcag	agggtctattg	gccagcttag	gtcccttcac	1080
ccatcactcc	tattcttggg	ccccaaagca	gggccactgc	ttttactttt	gaacctgggg	1140
tcctcaaaat	gagtgtgtga	aaagtccata	aatgcaatct	ggttgaaaac	agatgacgca	1200
acacacctac	actaactgtc	tgacagttaa	attcgtgtta	caaaaaacta	actttaagat	1260
ttatttttgt	aacttttttc	aacagggaaa	acaacacact	cctcagggaa	aggtgagggg	1320
ttgagaagac	aggccctggg	taaaaattct	taggacagca	cctggagtgt	agaggcctgc	1380
ctaggagaga	acacaggcac	tgccacacca	ccacagggga	cagctgctgt	ctgaggtcag	1440
cagaccagtt	cacacgccac	gcaagggtgc	tatagatcca	agtcataaaa	atcttccagc	1500
tcatcatgaa	acaagtccca	ctcatcttca	gagtctgtta	gttcgtcgtc	cccacctgca	1560
gccaaaagca	taagcaacat	ctcgcccagc	tcaaagggtga	caacctcttc	ttcatcgttg	1620
tcaaaggggt	tgctgttctc	tctttcctca	atgagttccc	agaagtgggt	ccttcgttgg	1680
gcccggtatc	tgcttgatgt	tcctactttc	tgtctctgtg	gctcctctct	acggccatca	1740
gggtacgcat	gcttgtaaaa	acagttccct	ccaaatgggc	agctcccacg	tccttcatca	1800
aaatacctgc	acgccttggt	gtcattggcc	tccttgattt	tcagaatgag	tttctgcttc	1860
tcttctttct	cctccacca	gtactcaatt	ggaatgacaa	agttagatgt	gatccggcat	1920
tctgggcagg	actttatgat	cttgctctca	aattgcttag	cactcctcca	cttgcgatg	1980
cacttgagac	agtaggtgtg	gttgaggtg	gagaggatcc	cgaagcggcg	ctcactgggg	2040
ttggctttct	catagaccac	ctccatgcag	atcccacaca	ccatgtcctt	gctgcgctgc	2100
acggcaaatg	agagctccat	gtccttctca	tgggcctcaa	tgcacgattt	gatatgctgc	2160
gatctctggg	cagcatccat	tggatgcagg	acctgcagcc	cacacatgtc	acaagaatct	2220
ccgtggagat	acacacagtt	ctccccgtat	cggcactctc	ccactgcagc	ataggggcac	2280
agctgcttct	ttgtctccac	ggcggtttgc	tctttctctg	attcttcctt	ggtcactgag	2340
ccctgcaggg	gtgcttcagt	gcaggaaggc	gcagtaaggc	cacagtaggg	ttgccaggga	2400
acaaactcaa	tagcattcac	ccagtcctct	gaacctgctc	ctacagttgc	aaagtttgaa	2460
tttcttgact	cagcttcgcc	tgtattcatt	tcaacaagtg	gtccaactat	cgatgagaga	2520
cttgaggaag	cagcaaggga	tgactttgta	gttagctctg	tagcagttgc	ttcttcctgt	2580
ttcaatgggt	tgctatgttc	atatctgcag	cggctctccat	aaatacagta	ccctcgctga	2640
aaatacttgc	acactacact	atacggactg	tcagagaggt	catgcgagta	gcgacagttg	2700
tctccttcc	tacaaacccc	atgcataaaa	tacctgcagg	tgacctgttt	agtccagccg	2760
ccgcgcgtgc	cgctgcgtgc	gccgccccct	ccgcccgcgc	ccagggacgg	ggcggtgact	2820
gtggggatcg	gggtggggga	ggctgctgcc	gccgtgcgcg	ctgccgctcc	tgctcctgat	2880
gttgtggctg	ttgttcgggg	agttgcagcc	tccgccatta	ctgtttatcc	cacacagcaa	2940
aggccccgga	acttccggga	tcacatagtt	ccggtccggc	tgcggggaga	ggacggcgag	3000
gccaggcgag	gggaggggaa	ggacactgag	gcaccggttc	g		3041

<210> 7092
 <211> 1467
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1332)...(825)
 <223> similar to gi3193191 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7092

tttttttttt	ttaaagagat	agtttttatgg	gtaacagtat	gggacagact	gggaagggttg	60
ccagggcctg	tagtgatgag	cttcccagga	atagaccaac	acacaggcag	gagtggccca	120
gacagacaag	tagatagaca	gacagacaga	gggacaagaa	aacaaccaag	tgggtaagag	180
gcccaggcca	ggctcagcag	ctgtgtccag	gcatcagctc	cagctctgct	ctggggaact	240
ggtggaggag	aagggtcggc	cggggcctca	gtcctttacag	ggctccttct	cctcatgccc	300
tactatccct	catccagcct	gctgggatcc	ttggcagggtg	gaattcccag	ggctatggat	360
ggctgggctg	agtgagcaga	ggatcgaggc	tcttgagagac	tccctgggga	ggtggaggcc	420
tgggtggtgt	ggggtttagca	gcagcactgg	ggggaatctg	gtcaagttcc	aggatggggc	480
cactgctcag	cagggccctt	gtgtccaggg	caggccctcc	acctgcccac	cacaccaaca	540
tggtgcaata	aataaagttt	caagtagtaa	gtcagtgtca	agcaggagag	ctgcaggctg	600
gcagacaggc	agggactgag	aaagagaagc	ctccagccac	ccaccatata	tgctcagtgg	660
gctcaagcgg	tgcgaagtct	gtcttgtgca	ctggagtggg	tgtctggccc	tgatgtccca	720
tgagcactcc	ccgcaggggc	tcagcccctc	acaccagcgc	cagagcctgc	tcggtggggc	780
agaagcaggg	caacatggtg	cccacagcgt	ccacgatggc	tgccagggtg	tcgtcctgcg	840
cctgaggccc	acagagctgc	atgacgtccc	gcacacgcag	caagtattca	aggttgtggc	900
cggagaagcc	ccggcaggcc	aggatctgcg	tggcaatggc	ctcttcaggc	gcaggggcca	960
ggtaaccagg	gttctgtggg	gtggccacat	aggccaatgc	cttcagtggg	tggtcaggag	1020
catcttgggg	atagaaggtg	acctccttgg	tatcgtagcc	accaagcaat	gcctctcgca	1080
cattcaggta	cttcaggggc	ttgcttacct	gctccccttg	cacttggtat	gccacgcccc	1140
aagtgcagcc	ctcatgatct	tcaaggagcg	tcaccacacg	gccaggcatc	ttgtcgctgc	1200
cccgatggaa	ggtgtctccc	tgccagaaac	ggcggctgta	gccgcgcacg	aagcccacac	1260
ggctgtcgct	gtaggcgaag	tcgggcctcc	acaccaggga	gccgtaccgg	aaaatccaca	1320
gcgcttgagg	gtcgcggacg	cgggctcgac	cgggaatccg	gacggttcca	aagggtatcg	1380
atgggctccg	accgttagcc	ttacagagcc	tatcgataga	taccgcgacc	tcctcatcgc	1440
tcaagtaccg	tgccattacg	tagagac				1467

<210> 7093
 <211> 3252
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(941)
 <223> similar to gi551638 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7093

ggcacgagag	taacgccatt	accgccggag	ccgccgagag	ccttagccga	cggaaactgg	60
acactggacc	ggcagcgcca	tgagactcct	cccccgcttg	ctgctgcttc	tcttactcgt	120
gttccctgcc	actgtcttgt	tccgaggcgg	ccccagaggc	tcgttagcag	tggcacaaga	180

tcttacagag	gatgaagaaa	cagtagaaga	ttccataatt	gaggatgaag	atgatgaagc	240
cgaggtagaa	gaagatgaac	ccacagattt	ggtagaagat	aaagaggaag	aagatgtgtc	300
tggtgaacct	gaagcttcac	cgagtgcaga	tacaactata	ctgtttgtaa	aaggagaaga	360
ttttccagca	aataacattg	tgaagttcct	ggtaggcttt	accaacaagg	gtacagaaga	420
ttttattggt	gaatccttag	atgcctcatt	ccgttatcct	caggactacc	agttttatat	480
ccagaatttc	acagctcttc	ctctgaacac	tgtagtgcc	ccccagagac	aggcaacttt	540
tgagtactct	ttcattcctg	cagagcccat	gggcgagcga	ccatttggtt	tgggtcatcaa	600
tctgaactac	aaagatttga	acggcaatgt	attccaagat	gcagtcttca	atcaaacagt	660
tacagttatt	gaaagagagg	atgggttaga	tggagaaaca	atctttatgt	atatgttcct	720
tgctggctct	gggcttctg	ttattgttgg	ccttcatcaa	ctcctagaat	ctagaaagcg	780
taagagaccc	atacagaaa	tagaaatggg	tacatcaagt	cagaatgatg	ttgacatgag	840
ttggattcct	caggaaacat	tgaatcaaat	caataaagct	tcaccaagaa	ggttgcccag	900
gaaacgggca	cagaagagat	cagtgggac	tgatgagtaa	atgttccttt	gtgcaacaat	960
tcggctctta	cttaacctgc	cctaataatt	ttcggcctga	tgggaattag	tgcagagaag	1020
ccatgtcacc	atagaaggca	actcctactt	gtgtgtggac	tgagcaatca	gagtctgtgg	1080
cgataatatt	gctgaaaatg	cactgcattc	atctttctaa	agtaacaaat	ttgggttttt	1140
tttaaaccat	taaaatctat	gtgtgtgcgt	gtgtatgtat	gtgagcagtt	ggtcttacca	1200
gaatcattgt	tgaactacct	gaaacaagtc	tttagaatac	taaatataat	gctgttgtct	1260
cttccttttt	gacattttct	gatttttttc	ccccaaaact	cagttaatat	ttaccacta	1320
tgattattga	tgtcctgcct	tgaacagttt	taaagaaaac	aatttttgga	atagctcaaa	1380
tttcaattga	tggcacaaat	cagcattttg	ttgttgttac	tgtattacaa	ttagtattct	1440
aaaggcagaa	gcagaagtag	ctgcttttta	gcaatagaat	tgtttcagta	ttttgctgct	1500
gtttaatgcg	catcttcaga	aaacttccca	gtggcttcaa	ggaatttggg	gatctctctg	1560
gcaacaaatt	gtgaaacatg	aaatttctgc	tgactttaat	atatgaaacc	taatcctacc	1620
ccctttttta	acaaaaagaa	actagtacat	ttgtgaaaat	tgtgttgtgt	tgtccattgt	1680
tgctctagtt	ctgaccaga	ggtagctctg	gagtgatatt	agacctactc	actcagttgt	1740
gtgtagggtt	ttttgttttg	ttttgagaga	gaatttttct	ctccttaata	gaagcatcct	1800
ttttaagag	aagttgcctt	ggccacaca	ctaagcagaa	aaccaagtta	tcaggacaga	1860
gatatctccc	agttactcct	aatcaatgaa	gaaagtgagt	tggaattttt	taaagcagtt	1920
aactaatttt	ttcttaccta	atcttttggg	agttttgctt	gttgatataa	ccttttttagt	1980
taacctgaaa	gattccaaaa	attgttctta	agtgtctgag	actggaacca	aaattaaatt	2040
gtacttcata	aaatcctctt	atagagttac	tcttgcccta	gattgtaaat	taagtttggc	2100
attattgtca	gactggatgg	agggtgaagt	aaaatagtat	gaacaattaa	gaggctctcc	2160
ccctcttgtc	tttaagccat	attctcctac	atgtatttta	taagaaaatg	ttaagtcaaa	2220
ttttagtggc	tctttaattc	ctgacctctt	cattctcctt	ttcagtataa	cctcccctat	2280
gctcatgccc	acacagacaa	aaaaacaaaa	cgaatacac	acagaaaaaa	gtctttccaa	2340
actgtttaag	tatttaaaaa	tctgagccaa	agcagataga	agttattgta	taattgttaa	2400
tcactttgca	aataggggct	atcaaattac	ctatattggc	attgctggat	tataaactct	2460
atatctgtaa	tataaagtgt	ttgagttttt	aattgggctg	ttatgatcag	tagttgatatt	2520
tgagaaagct	ctatgagctc	taagtaactg	catgggtttt	tgtttaatgt	aatataggag	2580
acccttcaca	ttcccaagga	atatattcca	aaacattttt	gtgaatatct	aagtttgtga	2640
aactactagg	gcatgatata	gtaagggtga	attacagaat	ttacgaaatg	taaatgacct	2700
ctacagagtt	ttatggaata	cctggtacta	acgtaggcag	ctgcaaaacc	acactgagtt	2760
acagctgtca	gccctcctca	ttcctaaata	acttgccctt	catatcagcc	ctcccacttc	2820
tgaagttcaa	attagtgcct	cggaaatgta	gaatttatta	tttgtcattt	tttttttttt	2880
agcatagatt	gagaacagtt	gaactcttaa	atcctcagat	gccaggggtc	tgctctagcc	2940
atcagtaagt	atcttagcag	aaacctaac	cogtaatgaa	tggaaattcca	tttccacaca	3000
ttgggttggt	caagcacact	taataagtag	ccctattttt	taaatgtcct	tttaaaatgt	3060
aaatatattg	atgaagtttt	tctttgtttt	gatataattca	tttgctacac	cgaactatgt	3120
tttcagaatt	catcttttga	acaacttggt	ttcagaatat	gtaaaatgac	tttaaggatc	3180
ttgtgtatca	aacctatccc	cggatgtgtg	agaataatgt	gttcataaag	catggatttc	3240
ccaaaaaaa	aa					3252

<210> 7094
 <211> 4514
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (39)...(2120)
 <223> similar to gi5911842 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7094

cttttatgaa	tgtcaagcta	ttaattcaag	acttggagga	tattgagcag	aggggtgcctg	60
tgatggatgc	ccaatacaag	ataattacaa	agacagcaca	cctcattacc	aaagaaaagcc	120
cccaagaaga	aggaaaagaa	atgtttgcga	ccatgtcaaa	gctcaaagag	cagctaacca	180
agggtcaaaga	atgttactcc	ccactccttt	atgagtctca	gcagctgttg	attccgttgg	240
aggaattaga	aaagcagatg	acgtcctttt	atgactcact	tgggaaaatc	aatgaaatta	300
tcacagttct	tgagcgtgag	gcacaatcga	gtgccctttt	taaacaaaaa	catcaggaac	360
tgttagcttg	tcaagaaaac	tgtaaagaaa	ccttgacact	tattgagaaa	ggcagtcaaa	420
gtgttcaaaa	gtttgtgacc	ttgagcaacg	tgttaaagca	ttttgatcag	acgaggctac	480
aaagacagat	tgcagatatt	catgttgctt	ttcagagtat	ggtaaagaaa	actggagatt	540
ggaagaagca	tgtggaaaacc	aacagtcgct	tgatgaagaa	gtttgaggag	tctcgagcag	600
agttggagaa	ggtagtgagg	attgctcagg	agggcctgga	ggaaaagggg	gatccagagg	660
agctcctgag	gagacacact	gagtttttca	gtcagctgga	tcagaggggtg	ctcaatgctt	720
tcttgaaagc	ttgtgatgaa	ctcaccgaca	tccttccaga	gcaggagcag	caggggctgc	780
aggaagctgt	tcgaaagctc	cacaaacaat	ggaaggatct	tcaaggagaa	gccccttatt	840
atttgcttca	tctgaagatt	gatgtggaga	agaatagggt	cttagcctct	gcagaagaat	900
gcagaactga	gctggatcga	gagaccaagc	tgatgcccca	ggaaggcagt	gaaaagataa	960
ttaaagagca	cagggttttc	ttcagtgaca	aaggtcctca	tcattctctgt	gagaaaaggt	1020
tacagctcat	cgaggaaactc	tgtgtgaaac	tcccagtgcg	ggaccagta	agggacacac	1080
ctggaacctg	tcacgtgact	ctcaaagagc	tcagagctgc	cattgacagc	acctacagga	1140
agctcatgga	agaccagac	aagtggaaag	actacactag	cagattctct	gagttctcat	1200
cttgatatc	tacaaatgag	acacaattaa	aggggatcaa	gggtgaggcc	atcgatactg	1260
ccaaccacgg	agagggttaa	cgtgccgttg	aagagatcag	aaatggtgtt	accaaagggt	1320
gtgagacctt	cagctggctg	aaatccaggc	tgaaagtgtt	gacagaagtt	tcttctgaga	1380
atgaagccca	aaagcaggga	gatgagctgg	caaaattatc	cagctctttc	aaggctcttg	1440
tgacgctgct	gtcagagggt	gaaaagatgc	taagcaattt	tggggactgt	gtccagtaca	1500
aagaaatagt	caaaaattct	ctcgaagaat	taatttctgg	ctctaaagaa	gtccaggaac	1560
aagctgagaa	gatcttggtg	actgaaaatc	tgtttgaagc	acagcagtta	cttcttcatc	1620
accagcaaaa	gacaaagcgg	atctcagcaa	agaagagaga	tgtgcagcag	cagatcgctg	1680
aggcgagca	gggagaaggg	gggctgcctg	accgaggcca	cgaggagctg	cggaagctgg	1740
agagcacact	ggatggcctg	gagcgagcc	gggagaggca	ggaacgccgc	atccaggtca	1800
cattaagaaa	atgggagcga	tttgaaacaa	acaaagaaac	agtagtaaga	tacctttttc	1860
aaacagggtt	cagtcatgaa	cgcttcttga	gttttagcag	tttggaaggt	ttatcttcag	1920
aactggaaca	aacaaaggag	ttttctaacc	ggacagaaag	tattgcagtc	caggctgaga	1980
accttgtaaa	ggaagcttca	gagataccgc	ttgggcccc	aaataagcag	ctgcttcaac	2040
agcaggccaa	gtcaatcaaa	gaacaagtca	aaaaattaga	agacacgctt	gaagaagagt	2100
atgtgattga	caagtcctaa	actttcttct	ctgagataaa	gtttcataca	atctttcctg	2160
taccttgat	tcaaaacact	cttttaaaat	ctcaaagtgt	ctgtgtatct	cagcatgttt	2220
tgaggaaaca	actcacagtt	caaaagaaag	tatcgcta	acagaaacca	atatctataa	2280
cagagcccaa	aaaatataaa	ggatgtgggt	tttgcatctt	aaactgatca	tgttcatgag	2340
aaagccatat	ctattctatt	ctgtggcctt	tgtacattgt	agaggggaatc	ttgaaaaaga	2400
actaatat	aaaataat	ttttactata	ttattctgct	gtcaccattt	agagcgaaaa	2460
ggagatat	ttgttagtga	gattccaggc	ctaaatacac	atcacataga	ccatatatct	2520

ccaacctgaa	gaagctcctg	gagcttggtt	acagtgcctc	ggatttcaag	ttatcctgac	2580
taatatgctc	tttccagaaa	ttaactttta	aatattttat	ttttaaactt	ttaatgtttg	2640
tttatctgaa	aaaaaaaaac	tgcttggcct	attgatatcc	tgttatatac	ccaaaatata	2700
caaaaaagtt	tggaggggaa	aacatatga	ggatacagcc	aatattattc	aaaacaatat	2760
ggctaaacat	ttctattttt	aacataattt	agtggcaaat	caatgataca	taatagcata	2820
ttattattaa	gggacaggcc	atcatttcta	aggtgggttt	taaaatgtaa	aatgtgtttt	2880
taatactatt	aacagcttaa	aattaacatt	ttacatttgc	ctaaacttta	aaatttgata	2940
catattttat	ttaaaacaaa	ttatgacttg	aaattttgag	gactttatat	tacattaaat	3000
attctctatc	aagttatgga	aatagtaaaa	cagagtttat	tagaaaggaa	tttacttcta	3060
ttaagaatag	ccatttttaac	ctttatttta	tttaaaaagt	tgcaatataa	cacagcttgc	3120
attacctgta	ctgctgacag	cattagggac	attcagggta	taaatttgag	actgcaatat	3180
tatttaaatt	gacagtcaat	gatgccactc	tatttttctt	gatgtcttca	agtgcctttt	3240
ggtaaacagg	gacattcttt	cacttttttt	ttttttaccc	cagggactta	ctagttcaat	3300
tataactcgt	tagtttctta	gtctttttct	aaactgaaag	ccatagcccc	cgggttatat	3360
atgcatagct	aatacaaaat	aaaaatctat	agttgaaatt	ctgttcacta	aatttgttac	3420
aaataaaaacc	tataagttgt	ctaaaagtag	ttaggggtgct	catgtacaat	aattttataa	3480
tgtcttttgg	aatcaggacc	ataagacatt	tatgaaaatg	gctgaagtca	caaagattat	3540
acatcgcagg	attagctcta	ataatagaaa	cagttcttgc	cggcgagcat	gggattgaga	3600
tcacgagctc	tgtcttgatt	gataagatgc	agttttataa	ggattttcta	tagaaagcat	3660
cactgcagtg	tctctccttt	aagtgtaaga	agaacatttc	tttggaata	ggactattga	3720
aaagctgtgt	acactgaaat	cttttctggc	atagttttata	aaaataagtc	ctggcaacaa	3780
ctggtcacat	gcagagttta	attagattct	acctggattc	aaaccccttt	ggacccagca	3840
atgttttggt	caaagtgcag	tttactcaa	agtgtagata	ctgcctcatt	aaatgttcat	3900
tctcagagaa	gataggaaaa	cctgataaac	tactcagaac	aactgtgcaa	tttttttttt	3960
agcgtgaata	gtttcaactt	tgaaatggtc	acaaatgtct	tcatttatctc	ttcacctggt	4020
gattttcaagg	aaaatgtggt	gttggtctct	attaaaatac	tgagttttat	ttacttaatt	4080
tggttaattt	tagtattaaa	accatggaaa	tggtgaaaac	caagtgggat	catttttgga	4140
gtaattttga	gactctgtcc	gtctggataa	ctgagaaaaga	aaaagaactc	aatgccttgg	4200
aaacttcgtc	atctgccatg	gacatgcata	tcagccaaat	taaggtgacc	tgctcacaca	4260
ttatatttat	aatccatgtc	tagcttttaa	gaactacttt	cttacatttc	atcaaatgct	4320
gttcggtccc	aggacaagac	tttcattgca	atgtgactat	taaaattaaa	ttcatacatt	4380
ttatcaagct	aagagggtctg	gattaatact	gggcaacatt	tatagttgga	attatgtatt	4440
cacattgtct	gacttgtgca	ttcaaagtta	atattgtgtg	aaatatcatt	aaaatatttt	4500
tatggttaca	ttaa					4514

```
<210> 7095
<211> 533
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (57)...(479)
<223> similar to gi34194 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7095						
agagagagaa	ctagtctcga	gttttttttt	tttttttctt	ttttccggcg	ttcaagatgt		60
cgaagcgagg	acgtggtggg	tcctctggtg	cgaaatccg	gatttccttg	ggtcttccgg		120
taggagctgt	aatcaattgt	gctgacaaca	caggagccaa	aaacctgtat	atcatctccg		180

tgaaggggat	caagggacgg	ctgaacagac	ttcccgtgc	tggtgtgggt	gacatggtga	240
tggccacagt	caagaaaggc	aaaccagagc	tcagaaaaaa	ggtacatcca	gcagtgggtca	300
ttcgacaacg	aaagtcatac	cgtagaaaag	atggcgtggt	tctttatttt	gaagataatg	360
caggagtcac	agtgaacaat	aaaggcgaga	tgaaagggtc	tgccattaca	ggaccagtag	420
caaaggagt	tgagacttg	tggccccgga	ttgcatccaa	tgctggcagc	attgcatgat	480
tctccagtat	atttgtaaaa	aataaaaaaa	aactaaaccc	attaaaaaaa	aaa	533

<210> 7096

<211> 1643

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(1274)

<223> similar to gi4572583 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7096

agggtcgacg	atttcgtgct	gaaggctcgg	ttcatgccgt	gcccccgggc	agttctggtg	60
aggctaagca	agaggcctct	gcatcttgac	acctaggaga	gcagggacgg	agtctcccag	120
ggtggaggac	catgctgcgc	cgcaagccct	ccaatgccag	tgagaaggag	cccactcaga	180
agaaaaagct	ctcccttcag	cgctccagca	gcttcaagga	ttttgccaaa	tccaaaccca	240
gctcccccg	ggtgagcgag	aaggagttta	atctggatga	taacattcca	gaagatgact	300
cagggtgtccc	caccccagaa	gatgctggga	agagtggcaa	aaagctgggg	aagaagtgga	360
gggcagtgat	ttcccgaaac	atgaacagga	agatgggcaa	gatgatgggtg	aaggccctgt	420
cagaagagat	ggcagacact	ctggaggagg	gctctgcctc	cccgacatct	ccagactaca	480
gcctggacag	ccctggccct	gagaagatgg	cgctggcctt	ttctgagcaa	gaggagcatg	540
aacttccggt	gctcagccgc	caggcatcaa	caggcagtga	gctctgcagc	cccagcccag	600
gttctggcag	cttcggggag	gaaccacctg	ccccccagta	cacagggcct	ttctgtggcc	660
gggcacgagt	ccacaccgac	ttactccca	gcccctatga	ccacgactcg	ctgaaactgc	720
agaaaggaga	tgtgatccag	atcattgaaa	agccacctgt	gggcacgtgg	ctgggcctac	780
tcaatggcaa	ggtgggctct	ttcaaattca	tctatgtgga	tgtgctgccc	gaggaggccg	840
tggggcatgc	ccgccccagc	cgccgacaga	gcaagggcaa	gaggcccaag	cctaagaccc	900
tgcatgagct	gctggagcgc	atcggcctgg	aggagcacac	atccaccctc	ctgctcaatg	960
gctaccagac	actggaagac	ttcaaagagc	tgcgagaaac	acacctcaat	gagctgaaca	1020
tcatggatcc	acagcaccgg	gccaaagtgc	tcacggccgc	cgagctgctg	ctggactatg	1080
acactggcag	tgaggaggct	gaagaggggc	ccgagagcag	ccaggagcca	gtggcacaca	1140
cagtgtcgga	acccaaggtg	gacatcccgc	gcgactcagg	ctgctttgag	ggctcggaga	1200
gcgggcgcga	tgacgcagag	ctggcaggca	ctgaggagca	gctgcaaggc	ctctccctgg	1260
ccggggcacc	ttgaggtggc	ggtggcaata	ggccagggct	gggacccagc	tgcaaaggct	1320
gtaggagtgg	gcccagcctc	ccgtgggtggc	ccaggccctg	aggactggca	ctgagcctgg	1380
ccctgcttcc	ccagggacac	ttaggggccac	agaggccagg	ccagggccct	acaggttcca	1440
ggctcagctg	gagtgggttg	ggagtgcgcc	aagggcacat	cccacctgcc	tgagccccgc	1500
cctccaccag	cgactgacag	cgcagccctt	cctggcacca	actgctcccc	tgccatggcc	1560
acggccacag	caagtggggc	actgggaaac	cctgcccattg	tccctcacca	acaaggcctc	1620
caaatcctcc	tcacccccac	acc				1643

09403735.013100

<210> 7097
 <211> 633
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (59)...(503)
 <223> similar to gi455996 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7097
 acgcgggggac acttttcttct gacataacag tgttcactag caacctcaaa cagacacccat 60
 ggtgcatctg actcctgagg agaagactgc tgtcaatgcc ctgtgggggca aagtgaacgt 120
 ggatgcagtt ggtgggtgagg ccctgggcag attactggtg gtctaccctt ggacccagag 180
 gttctttgag tcctttgagg atctgtcctc tcctgatgct gttatgggca accctaaggt 240
 gaaggctcat ggcaagaagg tgctagggtgc ctttagtgat ggcttggtc acctggacaa 300
 cctcaagggc actttttctc agctgagtga gctgcactgt gacaagctgc acgtggatcc 360
 tgagaacttc aggctcttgg gcaatgtgct ggtgtgtgtg ctggcccgca actttggcaa 420
 ggaattcacc ccacaaatgc aggctgccta tcagaagggtg gtggctggtg tggctaatagc 480
 cctggctcac aagtaccatt gagatcctgg actgtttcct gataaccata agaagaccct 540
 atttccttag attctatatt ctgaacttgg gaacacaatg cctacttcaa gggatatggct 600
 tctgcctaataaagaatgtt cagctcaact tcc 633

<210> 7098
 <211> 820
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (32)...(486)
 <223> similar to gi513467 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7098
 ctttcccgag cttggaactt cgttatccgc gatgcgtttc ctggcagcta cattcctgct 60
 cctggcgctc agcacccgtg cccaggccga accggtgcag ttcaaggact gcggttctgt 120
 ggatggagtt ataaaggaag tgaatgtgag cccatgcccc acccaaccct gccagctgag 180
 caaaggacag tcttacagcg tcaatgtcac cttcaccagc aatattcagt ctaaaagcag 240
 caaggccgtg gtgcatggca tcctgatggg cgtcccagtt ccctttccca ttcctgagcc 300
 tgatggttgt aagagtggaa ttaactgcc tatccaaaaa gacaagacct atagctacct 360
 gaataaacta ccagtgaata gcgaatatcc ctctataaaa ctggtggtgg agtggcaact 420
 tcaggatgac aaaaaccaa gtctcttctg ctgggaaatc ccagtacaga tcgtttctca 480
 tctctaagtg cctcattgag ttcggtgcat ctggccaatg agtctgctga gactcttgac 540

```

agcacctcca gctctgctgc ttcaacaaca gtgacttgct ctccaatggg atccagtgat 600
tcgttgaaga ggaggtgctc tgtagcagaa actgagctcc gggaggctgg ttctcagtgg 660
ttgtctcatg tctctttttc tgtcttaggt ggtttcatta aatgcagcac ttggtttagca 720
gatgtttaat ttttttttaa caacattaac ttgtggcctc tttctacacc tggaaattta 780
ctcttgaata aataaaaaact cgtttgtctt gtcttctgcc 820

```

```

<210> 7099
<211> 869
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(825)
<223> similar to gi433899 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7099
cccacgcgtc cgcccacgcg tccgcgcgcg tggatgaacag gacccgctgc catggggcgt 60
gtgatccgtg gacagaggaa gggcgccggg tctgtgttcc gcgcgcacgt gaagcacctg 120
aaaggcgctg cgcgcctgcg cgccgtggat ttctgtgagc ggcacggcta catcaagggc 180
atcgtcaagg acatcatcca cgaccggggc cgcggcgcgc ccctcgccaa ggtgggtcttc 240
cgggatccgt atcgggttaa gaagcggacg gagctgttca ttgccgccga gggcattcac 300
acggggccagt ttgtgtattg cggcaagaag gccagctca acattggcaa tgtgtccct 360
gtggggacca tgcttgaggg tacaatcgtg tgctgcctgg aggagaagcc tggagaccgt 420
ggcaagctgg cccgggcatc agggaaactat gccaccgtta tctcccacaa ccctgagacc 480
aagaagaccc gtgtgaagct gccctccggc tccaagaagg ttatctctc agccaacaga 540
gctgtggttg gtgtggtggc tggaggtggc cgaattgaca aacctatctt gaaggctggc 600
cgggcgtacc acaaataata ggcaaagagg aactgctggc cagcagtagc ggggtgtggc 660
atgaatcctg tggagcatcc ttttgagggt ggcaaccacc agcacatcgg caagccctcc 720
accatccgca gagatgcccc tgctggccgc aaagtgggtc tcattgctgc ccgccggact 780
ggacgtctcc ggggaaccaa gactgtgcag gagaaagaga actagtgtg agggcctcaa 840
taaagtttgt gtttatgcca aaaaaaaaaa 869

```

```

<210> 7100
<211> 1021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (205)...(944)
<223> similar to gi23114 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


Вопросы в области

<400>	7102						
cacagggctg	cggagcagca	actctcacga	tatttgctgc	gaccgcgagg	cgctatccgc		60
tgccgggttc	tggcgcgcc	tttcagttct	gcttgctgtc	ggcacgcgtg	cgttaccggg		120
aaccgccggg	ccgaacagca	tgacgtccgc	tttgagaaac	tacatcaacc	gaactgttgc		180
cgttattaca	tcagatggga	gaatgattgt	gggaacactg	aaaggttttg	accagaccat		240
taatttgatt	ttggatgaaa	gccatgaacg	agtattcagc	tcttcacagg	gggtagaaca		300
agtggtacta	ggattataca	ttgtaagagg	tgacaacggt	gcagtcattg	gagaaatcga		360
tgaagaaaaca	gattctgcgc	ttgatttggt	gaatatcga	gcagaacctt	taaattctgt		420
agcacactga	ggaaaaacta	catacttgga	catctgtaaa	tctttgtaca	gaaactgatt		480
attctgagga	tgatatatgg	agtttttatg	aatgtgtcac	tggattttga	ctccttattg		540
attcattgta	atatgtaaat	taaaatattt	ctacatttta	ttgaaaaaaa	aacctttttt		600
tttgccctaaa	tataagtttg	gtagcttggt	ttcttttttt	tattaaatag	tgtgaaaata		660
taatggggca	ttttgaaaac	ttttaggaaa	aaagtaggta	ctttttgata	ctttagtatt		720
tatgg							725

```
<220>
<221> misc_feature
<222> (171)...(952)
<223> similar to gi29481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

5757

agatatttaa	atactacagt	gaaaaggcat	cttaatatatac	tttttaaaaa	catctgaagt	720
aatccgctaa	gattaagtgt	gtaaaaaaa	aattcaattc	cctttgaggg	cactttgtcc	780
tttgaagaag	ggaaagtggg	gcggggaggg	cacggggccc	accggttaat	gcttcagcca	840
cgggtgggct	tcaatggaag	ccttgctgcg	gtcccatag	tcatacagga	gctcctcccc	900
agccgcgatg	tctcgggagg	cgatgaggat	gaggtagggt	acgccgtcga	tgtcgtgcag	960
tttggtttg	cagttcccac	atgtgctgtg	attgatcagt	cttcctaggc	gatttgtctc	1020
tctagttgca	tccacgcagt	aggttttgct	cagatactga	aaatagtaca	tgtagcagcc	1080
cgtggaagg	tcctgtgctg	acagagcctc	cgttttcttg	gcgtcgggtga	tctcgatgag	1140
gtccccgtgg	tattccacca	caaagtcacc	cggggagaac	tgcttggtgg	caatcacacc	1200
cctgcctttg	ccatcgatga	ggtcaatctt	cattccttct	tccttccac	tttcaatcaa	1260
ttcatctatt	cttttccctt	cttcagactg	cagctcggct	ttgctcttcc	tggagctcct	1320
tcggacaggg	tagaaatccg	taagtttgcg	attctgttgc	gttttccctt	gagctttttt	1380
tcggggggcc	tgtttgccc	tgatgggctt	tttcagggtc	tgcttggcga	tggctgcatt	1440
ggtggaatca	caagatgagg	gtggagtttt	tggaggttct	gctgcttcag	atttttggtt	1500
tggaaaagg	accaggggac	ctttcctggc	gtctttgatc	ttctgttcc	cggacttcat	1560
ggcgctccgt	actgcgttcc	cagcatttct	tttctcttct	cgtttctgt	agattccggc	1620
taatggtttc	ccctggcatt	tgacttcgtg	atgtgtaact	gagttctctt	cctgaagggg	1680
gaaacgcatt	ccagagcatt	tggtcgggct	catgtaggaa	tagatctttg	actgcatgca	1740
cgggaagcac	aaacgttc					1758

<210> 7105

<211> 3834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3738)...(387)

<223> similar to gi312142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7105

atattatttaa	ttcccttgaa	agtctcatat	acaccactaa	gtagtcacat	tcacaaactt	60
aattttttata	aattcagcag	cagtcttagg	aatcctagga	gaagaagaac	tccataaaaa	120
tgcaactgta	atagtcagtg	agagaggtga	atttttatgg	agttcttctt	ctcatataca	180
ccactaagta	gtcacattca	caaacttaat	ttttataaat	tcagcagcag	tcttaggaat	240
cctaggagaa	gaagaactcc	ataaaaaatgc	aactgtaata	gtcagtgaga	gagggtgaatt	300
tctgctccat	tcaatagtcc	aggtcttcat	caaggatatct	taaaggctga	actcactggg	360
ttataaaattc	ccatttttct	tttcagtgtg	gtcagaatg	gcctcctgag	gaattcatta	420
ggtccagatc	atctgcattc	aggcaagaat	tcactctccg	gtattgaatt	tgggtggacta	480
agttctctcc	tcttgaggaa	actgcaagcc	gctgtctctg	tcttcgcttt	ttagtcaaga	540
agaataatgc	gacgaaaatg	gccaacagaa	caaccccaag	gatcccgact	gcaataaagg	600
atgactgacg	ggatgagcga	cctgtttgtg	ctttttgtgg	ggttttctgc	actgaaatat	660
ctgtgcaatt	cactgcagcg	tcttccttgt	gcccacactc	actatggccc	cagcgtctgg	720
caggacaatc	ccacaaggaa	gactcattcc	ctttgcactt	cacttcattg	agccatatcg	780
gtccagtcct	ctgaccaaac	tctgcttctt	tgaatgcttt	caaagctgga	ccacagccaa	840
gttgttgaca	caccacctga	gcacgttcca	agtcccaaga	gtcatcacac	actgtcccc	900
aggaacctcc	atgccagatc	tccacacgtc	cagaacagga	agtgggtcct	tcctgaagtc	960
ttatcttgtt	gtcacatgtg	atccaggtct	cctccgaggg	gctggccagt	ctcttctccc	1020
atggagatga	tgggcactgc	cacagcgtgt	caggtccttt	tggacactga	acattgtcca	1080

cccacatggg	aatggacatg	gccttgtcta	aagatgcagg	gttgattttc	cctttgtctg	1140
cacagccag	ctgcctgcac	accacaccca	cagtgggttc	agacatgcta	ctcttgccaa	1200
cagtgcacca	agctccattg	taaaaaactt	ccagacgccc	tgcacaggcc	tctctgctgg	1260
cttcaactgg	cagtctcaga	gacatgaatt	ctgagcagat	aactcccgc	tcctccttgt	1320
gcctgcaatt	ttgttgcccc	cagccgtgtg	aatggcactg	ccaaatgcgg	gattcttttc	1380
cattgcatth	catctcatcc	agccagatgg	gccctgttcc	ttccccaaaa	tgagcagaac	1440
cagtggcatt	aatggcctct	ccacagccca	gctgtctgca	aaccacgtgg	gcatcactca	1500
ggtcccagct	gtcatcacag	atggtgcccc	aggagccctc	atgatagatc	tctactctcc	1560
cagcacagcg	acctcctcca	tttaccaggc	gaagttgacc	actctctatg	caggccacag	1620
cactttcttc	tggaaatggt	ggccttggtg	ggcccaaaga	cgatgaattg	cacgaggaca	1680
gtgtttggga	ctggtttcct	gagcagatta	cagaggccac	ttgctctgaa	ggacataatg	1740
aagcacctag	agcagttaca	ggacaatctc	ccatgtgctg	ctcagtccca	gtgcagtga	1800
acatatgcct	ccagatctga	ccatttcctt	ttccaaaacg	tgctcctcct	ggggtagaaa	1860
gggcaactcc	acattttaagc	tgctggcaaa	gaacatgggc	atcttctatg	tccagtgag	1920
agttacagag	ggatccccag	gcaccaagcg	ttttgagctc	cactctgccc	tcacacgggg	1980
tcttgccatt	caccaagcga	atthctgtgt	atcttgagca	gactactcca	acatccctgc	2040
tgtggctaca	agttccttct	gggcgggggtg	ctactgggca	gagtgaagaa	tgggactcat	2100
gtccctcaca	ctggaattct	tcagcccaga	tctgtccatt	tcctctcca	aagtgagctc	2160
ccccaggat	agagacaact	gtgccacact	gtaattccct	gcatagaacg	ctggcagctt	2220
ccagagagaa	gtccgaatca	cagatggagc	cccacgtgtc	accatgcttc	acttcaacac	2280
gtccagaaca	gggaatgtcc	cctccaacca	gtctgggttc	cctgtgggct	gagcaggtaa	2340
ttttggcttc	ttcatagtga	tcacaggtaa	gtccacccca	ttgccagttc	ttgcagtccc	2400
aaagagaagt	ttcattttccg	ttacagctac	ttagaacacg	ccatgtgttt	gttgccctgga	2460
ttttggagta	cacttgataa	gatgttttga	gtgcagatcc	acatcccagc	tgccctgcaa	2520
ccacatcagc	ttcttttcagt	ccccagcctc	tgccacacac	cttccctaac	agtctctgaa	2580
tctccacctc	aactgtccca	gcacagcggc	tgccctccac	tctaagtctt	agctccagat	2640
ctgatccatc	agaacatgtc	acgccagcat	cttcattgtg	attgcaataa	tgctttcccc	2700
attcatgggtg	tttacattgc	cagacagcag	gttcattgtc	ctggcaagaa	acgctgtcaa	2760
gccagatgtg	tccaaatccc	ttactggcgt	taactcgacc	aatggctgtg	acggcagttg	2820
gacatcccag	ttgcttgc	gccacagcag	catcgtta	gtcccagccg	tcacacata	2880
ttgtccccc	ttctccttgg	aatctcactt	ctaattcttc	tgaacattca	gtgactccat	2940
ctaccagtct	caggctcaga	tctgtctcct	ttgagcaaat	cactccagca	tcctcagcat	3000
gatcacagtt	atgctttccc	catccttgat	gtttgcagtt	ccagagagct	gactcatttc	3060
cgttgcata	aagatcatca	aaccagattg	gtccagagcc	ttctccaaaa	ttagatgaac	3120
cagagaaact	gacagcactt	ccacattcaa	gttgtctaca	aatgacagat	gcatgatcta	3180
tggtgaagtt	atcatcacac	actgttcccc	accgtccttg	gaatttgatc	tctattcttc	3240
cagaacacat	attccctcca	cgcgtcagcc	tcatttccaa	attggatcca	tctgagcagg	3300
tcactccagc	atcttggttg	tgagtacagt	tactatgctt	tcctccatcca	tcattgtttgc	3360
aatcccaag	agctgactca	ttcccacgac	aagaaacatg	atccatccaa	atgcgtccag	3420
aacctgca	ggaattagcc	catccagggg	ctttgatagc	agttggacat	cccagctgg	3480
tacaaatcac	agagaccgct	tccatgctcc	agccattatt	acacaccgtt	ccccactcct	3540
cctggacttt	cacttccact	ctcccgtac	acttgttttc	accatccact	agcctcagct	3600
ccttgtctgt	tcctccaaga	gaactggtga	caaaacaggc	actgagaagt	aagaccacag	3660
taatggtgaa	gggactcagg	ttgacaaaat	gtcttctgaa	gtcagcagat	ccagagtctt	3720
caagtagcac	cattctgagt	ttgtctattc	caaagattta	taacttcaat	gattcctaaa	3780
tcttcttgta	ttattcccta	gaaatgttct	tctaaagaaa	acaactaaga	attc	3834

<210> 7106

<211> 1826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (89)...(781)
 <223> similar to gi6013425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7106

gacgccggac	gtgcggcagt	tgcaggcgag	caggcgagga	atcgccgtgg	cgtcttggtg	60
ttctccacgc	tggttcgag	gtgaagagat	ggcgtttg	aagagtggct	ggttgctg	120
acagagtact	attttgaagc	gctggaagaa	gaactggttt	gatctgtggt	cggatggtca	180
cctgatctat	tatgatgacc	agactcgga	gaatatcgag	gataagggtcc	acatgccaat	240
ggactgcatc	aacatccgca	cggggcagga	atgtcgggat	actcagcccc	cggatggaaa	300
gtcaaaagac	tgcattgctc	agattgtttg	tcgagatggg	aaaacaatta	gtctttgtgc	360
agaaagcaca	gatgattgct	tggcctggaa	atttacctc	caagattcta	ggacaaacac	420
agcgtatgtg	ggctctgag	tcattgaccg	tgagacatcc	gtggtttcct	cacctccacc	480
atacagggcc	tatgctgcac	cggcccctga	ggtagggaga	accctgagcc	tccagcaggc	540
ttatggctat	gggccatacg	gtggtgcgta	cccgccagga	actcaagttg	tctacgctgc	600
gaatgggcag	gcgtatgccg	tgccctacca	gtaccatata	gcaggacttt	atggacagca	660
gcctgctaac	caagtcata	ttcgagagcg	ctatcgagac	aacgacagcg	acctggcact	720
gggcatgctg	gcaggagcag	ccacgggcat	ggccttaggg	tctctatttt	gggtcttcta	780
ggggcctcaa	ggtcttgatg	tgcataagctt	ctgataaccc	tgtgtgcaat	aatatgattt	840
gcagggcatt	tctgtttgtg	acaaaagt	ttataaatag	ttttaatcat	tcctttgaaa	900
gtagtgtatg	cataattgta	ctaattccaca	taagtaccac	agagaagggg	ttgaactgtg	960
ctattttgtt	caaatgttga	ctctccgggg	gcactggctc	attccaagac	tgttcttggtg	1020
caactctcag	aataccttat	ttgagcatac	ctgttttgaa	aggcattttc	tttttagagt	1080
taggtgtagt	gcttaagggt	taatttat	tcattgttatg	ccagtaatat	agtgttgat	1140
gcctattgag	tgattgtggc	aagaaaagct	acagcttctt	tgcgtttaac	tttttcaaac	1200
cacagaccag	aactggttgc	atgttacttt	aggagtgtg	ggttggttaag	ctcccaggta	1260
cttcccagag	ctatgtgtg	agagccccg	tctgcccctc	tggggctcca	caggcccctg	1320
gcaaggccga	tggctcagga	tgatggggca	cagcccgcct	ttgaacaatc	atgcttcaga	1380
aatctgcctg	accctagctg	ctgctgctgg	ctcactttat	tcttgtagtg	ctttggtagg	1440
catacttgga	gaacatatcc	cacattagg	aattgattta	agcctgagag	tttgagggct	1500
ttaatccttt	aaaacttgga	gaagctggct	ggggcgcggt	gggttcacgc	ctgtaatccc	1560
agcactttga	gagaccgagg	ccggggccgga	tcacgaaggt	caggaagatc	ggagaccatc	1620
ctggctaaca	cggtgaaacc	ccatcttcta	ctaaaaatac	aaaaaattaa	cctgggcgtg	1680
gtggcaaggc	gcctgtggtc	ccagctactc	gggaggctga	ggcaggagaa	tagtgtgaac	1740
ccgggagggc	gagcttgag	tgagccaaga	tagtgccact	gcacttcagc	ctgggtgaca	1800
gaagcgagac	tccgtctcaa	aaaaaa				1826

<210> 7107
 <211> 1192
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (101)...(504)
 <223> similar to gi50548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7107
ggcacgaggc tggctggaat ctctcagcct cacctgccag acaacacccc ctcttctctc 60
accctgtctc ctgcattctc ctgaaacctt catccacaca atgcctccca acctcactgg 120
ctactaccgc tttgtctcgc agaagaacat ggaggactac ctgcaagccc taaacatcag 180
cttggctgtg cggaagatcg cgctgctgct gaagccggac aaggagatcg aacaccaggg 240
caaccacatg acggtgagga cgctcagcac cttccgaaac tacactgtgc agtttgatgt 300
gggagtggag tttgaggagg acctcaggag cgtggacgga cgaaaatgcc agaccatagt 360
aacctgggag gaggagcacc tgggtgtgtg gcagaaaggg gaggtcccca accggggctg 420
gagacactgg ctggagggag agatgctgta tctggaactg actgcaaggg atgcagtgtg 480
cgagcagggtc ttcaggaagg tcagatagcc ggagaggagc caagatccct ccagacagca 540
ccagctcaca gacgctcttg ttgtgcccc ttcaagccca gattgtgcca ggtcagctgt 600
cccttctctt ggccaccttt cctccctctg ggtccctcct caccctccc cgtgttaatc 660
tgtaacttgc agccccagg ccaaagtctt ttctcacact ccactgcccc atagtgcct 720
cacttccagg tcaagggtctg gcgtcccaaa tgaaagaagc aggcaaaggg aaggagcccc 780
tgagaacaac caatctccgc tctctcctgt ccatttgacc tcttcttttc cttctaagaa 840
agaactaagc tttgggcatt tggcgattag tgaaaattct atcctgatgg acttctggaa 900
aactgtgact ggggttcaag agtttaaaca ggggctactg gcagagtctt tttgtccatt 960
tctttgtcct tattcttgag aaagtctcat gtgctcaaca aaaccaggcc caagacacag 1020
ccccccacac acaggggtca acggactcca cggttctgac atctgaaggc atctggccat 1080
ttgatacttc catcctatgt gttgggaatg agggatggaa tggggtaaga cctttgtcca 1140
gtgcttgggg aggcggggag cttctaaatg gtgacctgtc ctccgtacga aa 1192

```

```

<210> 7108
<211> 1779
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1780)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1462)...(775)
<223> similar to gi3879734 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7108
tttttttttt atttccaaag gttttatattt atatattggt tgaagctttc tcaggctttg 60
cactaaatgc atgtcagggt catattcaat ctctttcaaa ggaaacatgg cagttgagta 120
tccagaacac aagtgaagtac cgtatacttt aaaagaatgc ttacagagct ctctcttctg 180
gccatgagaa aaaaaaacia gtacctgcag aagtgaagcg taccacatgc tctcccagac 240
acacgcctgg ggtgcttact gtcaatgaca ctctccaca ccaacatgtg gtccaaaata 300
gaatccctct catcttccat tacactcttt taaaaaatgc agagaaaata tgaattaact 360
catcttaaat gtgagagaaa caggggggaaa aggacaagtt aatgcacaag cacaatacac 420
aatggtaatt tttcttttca aaagatatta tggaatgtat tactagcagc ataaattcca 480
acaaaaagtt gggcacccag atttggttat ttagattaaa aatatttatt acaggcagat 540

```

ttgcttttcc	caggaaaaca	tatcactgga	aacatttggga	gaatgcaaac	tgggttaaac	600
ctattcccaa	gtccattatc	aagtaaggta	tccctaaaga	aaaagatagg	agtttaaaac	660
tggggaagcc	cacacacaat	ttagacaggg	gaaaagaaaa	aaaaaactca	taaaaaaagt	720
cagaatgatc	ctttacgttt	tacagtcttt	aattaagcac	ataaaaactgt	actattttaat	780
atatttctcc	atgaactttt	tgtgaaattc	agatcgagct	gtgtcattta	caaactcttt	840
gtctttcttc	tggatcatct	caccttttgc	acagttcttg	aagacaacgt	catcatccca	900
ccttctttta	actttgaagt	tggcctgagg	ctgggatggg	ccagtggagt	taaggagagg	960
gtttccgctc	agaatgtttt	ccatacgaat	cctctcttct	tccagttctg	gttcttggtc	1020
cttccctggc	tgtctttcag	ctctttcttt	tttaattttt	tccagttctg	caagaagagc	1080
tgcagtatca	tcatcatcac	tttcttcttc	aaaatcttca	tcttcctcat	ctgttagagg	1140
gtcatctgca	tcaaggttgg	cggcaggaat	ctggtctaac	cgtggctttt	ttgacactga	1200
agaggagggt	gtatgttctc	gggttggacg	atccctattt	ttctctcttg	cagcagctct	1260
ctctctttct	tccaactctc	tccctgaagtc	acggttacga	acctcttcag	gggcatcctg	1320
agtagtctgt	ctgtatttta	tctttgtatg	agagggtagg	tctctgcttg	aatactgctt	1380
tgaaggttgg	ctcaaatac	cttctccttt	tccccttcca	cctctggcag	gttcaaaggt	1440
tggcctggct	gctgttgtca	tcttttatgc	tggggttcgc	tttacgcagt	aggcgagctg	1500
cctgtacgct	gcgatctcct	cggcgggccc	aagagctcca	gacgcgcctg	acaggcactc	1560
ggttccgccc	ctagcccgtc	gctccagggc	ctccaccgcc	cgcgctctgc	actctgccgc	1620
cgactccgac	cccaactgcc	ctttcccgtc	ccatcgcgat	aagaaagata	atctcctatc	1680
ctcttgccgc	tcacactggc	cgagggtccga	tgcagcaggc	tccgaagatc	atacagacgc	1740
gaattccacc	acactgagta	gtgaaacagt	angagcact			1779

<210> 7109

<211> 1884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (328)...(1135)

<223> similar to gi4884468 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7109

ctgaagtggg	agctacgtcc	cggaggtgcg	gtgtggggca	ccgggcgggg	cgcgggaacc	60
ggcgccccac	ggagctgctg	ctgtcagacc	aaccccgggc	ccccatcatc	actgcgcgcg	120
gctttcaggc	gccgagaact	accgttcccg	gcatgccatg	aaattggcct	cggcgctgag	180
gcgggggtccg	gccctccacc	cgtctccgcg	gcgcgcgaat	cgcggtcgcg	agccatggag	240
gaggaggcat	cgtccccggg	gctgggctgc	agcaagccgc	acctggagaa	gctgacctg	300
ggcatcacgc	gcatectaga	atcttcccca	ggtgtgactg	aagtgaccat	catagaaaag	360
cctcctgctg	aacgtcatat	gatttcttcc	tgggaacaaa	agaataactg	tgtgatgcct	420
gaagatgtga	agaactttta	cctgatgacc	aatggcttcc	acatgacatg	gagtgtgaag	480
ctggatgagc	acatcattcc	actgggaagc	atggcaatta	acagcatctc	aaaactgact	540
cagctcacc	agtcttccat	gtattcactt	cctaattgac	ccactctggc	agacctggag	600
gacgatacac	atgaagccag	tgatgatcag	ccagagaagc	ctcactttga	ctctcgagct	660
gtgatatttg	agctggattc	atgcaatggc	agtgggaaag	tttgcccttg	ctacaaaagt	720
gggaaaccag	cattagcaga	agacactgag	atctgggttc	tggacagagc	gttatactgg	780
cattttctca	cagacacctt	tactgcctat	taccgcctgc	tcatcacc	cctgggcctg	840
ccccagtggc	aatatgcctt	caccagctat	ggcattagcc	cacaggccaa	gcaaagagtc	900
agcatgtata	aacctatcac	ctacaacaca	aacctgctca	cagaagagac	cgactccttt	960

gtgaataagc	tagatcccag	caaagtgttt	aagagcaaga	acaagatcgt	aatcccaaaa	1020
aagaaagggc	ctgtgcagcc	tgcagggtggc	cagaaagggc	cctcaggacc	ctccggtccc	1080
tccacttcct	ccacttctaa	atcctcctct	ggctctggaa	acccaccccg	gaagtgagca	1140
cccctccctc	caactcccta	ccagctccag	agtgggtggt	tccatgcaca	gatggcccta	1200
ggggtgacct	ccagttttgc	gtgtggaccg	taggcctctt	tctagttgaa	tgaccaaagt	1260
tgtaaggctt	ttagtcccac	cgacattagc	caggctcgta	gtgaggcctc	cagagcaggt	1320
tgtgctgtcc	cctgcctcta	gaagcaatgg	ggaatttgga	atcttgtgta	agtgcccaaa	1380
taagtctgag	tgttttcttc	ttcttcaaca	ctcaaccctc	aatcccttag	cactgattga	1440
ttagagaggt	cccccaaaga	aaccactggt	tttgacccat	gaagcattag	aactgcattg	1500
ttcattcagg	agccactagt	cacatatgac	tatttaaatt	taaagtaaatt	tgtatgaaaa	1560
attcatttct	tcaattgcat	tagccacatt	ttgagtattc	atgtggctgg	tagattctgt	1620
attagcacia	agatatggaa	catttccatc	accacagaaa	gttctgttgg	acagcactgc	1680
attagaatat	tttcatactg	ctcttcccta	attaattttt	gttggttaatg	ttgatgtctt	1740
cattggatgg	gtcataatgt	tccatgaaac	ctctcaagta	cacaattgta	tggtccttgt	1800
atcccttacc	acaaatatct	cgctctgctc	atttcttttg	cagcttccta	taaagtttgt	1860
cttctcatc	aaaaaaaaaa	aaag				1884

```

<210> 7110
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (75)...(243)
<223> similar to gi4468341 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7110						
cctcctttcc	ctttcgggat	tcccagacgt	gtggttgctg	taaggggtcc	tccctgcgcc	60
acacggccgt	cgccatggtg	aagctgagca	aagaggccaa	gcagagacta	cagcagctct	120
tcaaggggag	ccagtttgcc	attcgctggg	gctttatccc	tcttgtgatt	tacctgggat	180
ttaagagggg	tgcagatccc	ggaatgcctg	aaccaactgt	tttgagccta	ctttggggat	240
aaaggattat	ttggtcttct	ggatttgtag	gcaatcagcg	gacagcatgg	aagatgtgtg	300
ctctggctcg	gataagagat	gggacatcat	tcagtcacta	gttgtagtgc	acaaggctct	360
tcacagacgc	atctgtagca	gagtggaaact	tgtactaact	tatgatagaa	tgtatcagaa	420
taaatgtttt	taacagtgtt	aaaaaaaaaa				450

```

<210> 7111
<211> 2145
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (354)...(1374)

```

<223> similar to gi2262107 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7111

attgaccctc	gctgcacgaa	ttcggcacga	gcagggctct	ggcgcccgcc	cctgtccgca	60
ccgctggcag	cctgaagaga	gtcgtcggcc	gtggtcgccg	ctaggtagga	tatatctgca	120
tcttgaaagg	aagataaaac	aaaagccttc	tttggaatag	atggattttt	gtcactttct	180
gtgtgaacta	aagtgattca	atgtctcttt	tggattgctt	ctgcacttca	agaacacaag	240
ttgaatcact	cagacctgaa	aaacagtcctg	aaaccagtat	ccatcaatac	ttggttgatg	300
agccaaccct	ttcctgggtca	cgtccatcca	ctagagccag	tgaagtacta	tgttccacca	360
acgtttctca	ctatgagctc	caagtagaaa	taggaagagg	atttgacaac	ttgacttctg	420
tccatcttgc	acggcatact	cccacgggaa	cactggtaac	tataaaaatt	acaaatctgg	480
aaaactgcaa	tgaagaacgc	ctgaaagctt	tacagaaagc	cgtgattcta	tcccactttt	540
tccggcatcc	caatattaca	acttattgga	cagttttcac	tgttggcagc	tggttttggg	600
ttatctctcc	atztatggcc	tatggttcag	caagtcaact	cttgaggacc	tatcttctctg	660
aaggaatgag	tgaactttta	ataagaaaca	ttctcttttg	agccgtgaga	gggttgaact	720
atctgcacca	aaatggctgt	attcacagga	gtattaaagc	cagccatata	ctcatttctg	780
gtgatggcct	agtgaccctc	tctggcctgt	cccatctgca	tagtttgggt	aagcatggac	840
agaggcatag	ggctgtgtat	gatttccac	agttcagcac	atcagtgcag	ccgtggctga	900
gtccagaact	actgagacag	gattttacatg	ggtataatgt	gaagtcagat	atttacagtg	960
ttgggattac	agcatgtgaa	ttagccagtg	ggcaggtgcc	tttccaggac	atgcatagaa	1020
ctcagatgct	gttacagaaa	ctgaaaggctc	ctccttatag	cccattggat	atcagtatctt	1080
tccctcaatc	agaatccaga	atgaaaaatt	cccagtcagg	tgtagactct	gggattggag	1140
aaagtgtgct	tgtctccagt	ggaactcaca	cagtaaatag	tgaccgatta	cacacaccat	1200
cctcaaaaac	tttctctcct	gccttcttta	gcttggtaca	gctctgtttg	caacaagatc	1260
ctgagaaaag	gccatcagca	agcagtttat	tgtcccatgt	tttcttcaaa	cagatgaaag	1320
aagaaagcca	ggattcaata	ctttcactgt	tgccctctgc	ttataacaag	ccatcaatat	1380
cattgcctcc	agtgttacct	tggactgagc	cagaatgtga	tttctctgat	gaaaaagact	1440
catactggga	attctagggc	tgccaaatca	ttttatgtcc	tatatacttg	acactttctc	1500
cttgcctgct	tttcttctgt	atctctaggt	acaaatacca	gaattatact	tgaaaataca	1560
gttggtgcac	tggagaatct	attattttaa	accactctgt	tcaaaggggc	accagtttgt	1620
agtcctctctg	tttcgcacag	agtactatga	caaggaaaca	tcagaattac	taatctagct	1680
agtgctcattt	attctggaat	ttttttctaa	gctgtgacta	actcttttta	tctctcaata	1740
taatttttga	gccagttaat	ttttttcagt	atcttctgtg	cccttgggaa	tgggccctca	1800
gaggacagtg	cttccaagta	catcttctcc	cagattctct	ggccttttta	atgagctatt	1860
gttaaaccaa	caggctagtt	tatcttacat	cagacccttt	tctggtagag	ggaaaatggt	1920
tgtgctttcc	ctttttcttc	tgtaataact	tatgggtaac	acctaactga	gcctcactca	1980
cattaaatga	ttcacttgaa	atatatacag	gaaattgtaa	tttggctttt	ttttaaaaaa	2040
gggggggggc	taaagtaacc	ctttcctact	tatgtaaat	atagatccta	aattgcacgc	2100
accccgctggg	agctcaataa	agatttactg	aattgaaaaa	aaaaa		2145

<210> 7112

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (212)...(1589)

<223> similar to gi30297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7112

aaagggagtg	agggaggaga	gatgagtggc	tattccagaa	cgacataaag	aatttccagc	60
cttggacgga	cagctgggaa	cgtcttccaa	tttggactgg	tgtttacaag	cggggaagcta	120
ggtggacctt	ggattttggc	gggtgaagag	gctaggttgt	ttaaggaggt	ggggcgcggtt	180
tcaatggctc	tctttgaaaa	agcccagcaa	gatgtcagac	ctgctctcag	tcttcctcca	240
cctcctcctt	ctcttcaagt	tggttgcccc	ggtgaccttt	cgccaccacc	gctatgatga	300
tcttgtgcgg	acgctgtaca	aggtgcaaaa	cgaatgcccc	ggcatcacgc	gggtctacag	360
cattgggvcg	agcgtggagg	ggagacacct	ctacgtgctg	gagttcagcg	accaccttgg	420
aatccacgag	cccttggaac	cagaggtcaa	gtatgtgggg	aacatgcacg	gcaacgaagc	480
gttgggvcgc	gagctgatgc	tgcagctgtc	ggagtctctg	tgcgaggagt	tccggaacag	540
gaaccagvcg	atcgtccagc	tcatccagga	cacgcgcatt	cacatcctgc	catccatgaa	600
ccccgacggc	tacgaggtgg	ctgctgcccc	gggccccaaac	aagcctgggt	atctagttgg	660
caggaacaat	gcaaattggag	tggacctgaa	ccgcaacttc	cctgatctca	atacctatat	720
ctactataac	gagaagtacg	gaggcccca	ccaccacctg	ccccttccag	acaactggaa	780
aagtcaggtg	gaacccgaga	cccgggcggg	gatccgggtg	atgcaactct	tcaactttgt	840
tctttcagcc	aatctccacg	gaggggcggg	ggtggccaat	taccggtatg	acaagtcctt	900
tgagcaccgg	gtccgagggg	tccgcccgcac	cgccagcacc	cccacgcctg	acgacaagct	960
cttccagaag	ctggccaagg	tctactccta	tgcacatgga	tggatgttcc	aagggttgaa	1020
ctgcggagat	tacttcccag	atggcatcac	caatggggct	tcctgggtatt	ctctcagcaa	1080
gggaatgcaa	gactttaatt	atctccatac	caactgcttt	gagatcacgc	tggaaactgag	1140
ttgcgacaag	tttccccccg	aagaggagtt	acagcgggag	tggctgggta	atcggaagc	1200
cctaataccag	ttcctggaac	aggttcacca	gggcatcaag	ggaatggtgc	ttgatgagaa	1260
ttacaataat	ctgcgcaatg	ctgtcatttc	tgtcagtggg	attaacctatg	atgtcacttc	1320
aggtgacct	ggtgattact	tccggctgct	gcttccaggt	atctacactg	ttagtgccac	1380
agcacctggg	tatgacccag	agacagtaac	tgtgaccgtg	ggtcctgcgg	aaccaacgtt	1440
ggttaacttc	cacctcaaaa	gaagcatccc	tcaagtaagc	cctgtgagga	gagctcccag	1500
cagaaggcac	ggagtccagag	ccaaagtgca	gccccaaacc	agaaagaaag	aaatggagat	1560
gaggcagctg	cagagaggcc	ctgcctgaaa	cccacagtgc	caggcacccc	ctcagaaagg	1620
ctttgctcct	gctctcagat	cagatcaagc	attctttgta	ttttattatc	tgggacatat	1680
ttaaatacaa	acgtatttcag	agcaataaaa	aaaaaa			1716

<210> 7113

<211> 2029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (232)...(1517)

<223> similar to gi904281 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7113

gggcgggaca	actggtctga	gtactatggc	tgattttcgc	tgtctggcat	tgagaagcca	60
cacgccccct	ttgcttagga	ggcctctctg	ctggaggatg	acgatggcat	ggtttatcta	120

```

agggcactga caagtcacatca atataggaca gcacagctga gagccatgct caggaagttt 180
ctggatccta ggctcagctc cacagaggag aacacgcagg cagcagagac catggggccc 240
ctctcagccc ctccctgcac acagcgcac acctggaagg gggtcctgct cacagcatca 300
cttttaaaact tctggaaccc gcctaccact gcccaagtca cgattgaagc cgagccaacc 360
aaagtttcca aggggaagga cggttcttcta cttgtccaca atttgcccca gaatcttgct 420
ggctacatct ggtacaaaagg gcaaatgaag gacctctacc attacattac atcatatcgt 480
gtagatggtc aaataattat atatgggcct gcatacagtg gacgagaaac agtatattcc 540
aatgcatccc tgctgatcca gaatgtcacc cgggaggacg caggatccta caccttacac 600
atcgtaaagc gaggtgatgg gactagagga gaaactggac atttcacctt caccttatac 660
ctggagactc ccaagccctc catctccagc agcaacttat accccaggga ggacatggag 720
gctgtgagct taacctgtga tcctgagact ccggacgcaa gctacctgtg gtggatgaat 780
ggtcagagcc tcctatgac tcacagcttg cagttgtcca aaaacaaaag gaccctcttt 840
ctatttggtg tcacaaagta cactgcagga ccctatgaat gtgaaatacg gaaccacgtg 900
agtgccagcc gcagtgaacc agtcaccctg aatctcctcc cgaagctgcc caagccctac 960
atcaccatca acaacttaaa cccagggag aataaggatg tcttagcctt cacctgtgaa 1020
cctaagagtg agaactacac ctacatttgg tggctaaatg gtcagagcct cccggtcagt 1080
cccagggtaa agcgacccat tgaaaacagg atcctcattc taccagtggt cacgagaaat 1140
gaaacaggac cctatcaatg tgaaatacag gaccgatatg gtggcatccg cagttaccca 1200
gtcacccctga atgtcctcta tggccagac ctccccagaa tttacccttc attcacctat 1260
taccattcag gagaaaacct ctacttgtcc tgcttcgcgg actctaacc accagcagaa 1320
tattcttgga caattaatgg gaagtttcag ctatcaggac aaaagctctt tatccccag 1380
attactacaa agcatagcgg gctctatgct tgctctgttc gtaactcagc cactggcatg 1440
gaaagctcca aatccatgac agtcaaagtc tctgctcctt caggaaacagg acatcttcct 1500
ggccttaatc cattatagca gccgtgatgt catctctgta tttcaggaag actggcagac 1560
agttgctttc attcttcctc aaagtattta ccatcagcta cagtccaaaa ttgctttttg 1620
ttcaaggaga tttatgaaaa gactctgaca aggactcttg aatacaagtt cctgataact 1680
tcaagatcat accactggac taagaacttt caaaatttta atgaacaggc tgataccttc 1740
atggaaattc aaggacaaag gaaaaaaaacc ccaattttat tgggacttaa atagtccaaa 1800
ccatggtttt tcataatttt cctatttgga aaatgtggct ggattctttg gaatgtttta 1860
ttctcccga tttatggcac ttttttttct tcagcaattg gtaaagtata cttttgtaaa 1920
caaaaattga aacatttgct tttgctccct aagtgcacca gaattgggaa actattcagg 1980
agtattcata tgtttatggt aataaagtta tctgcacaag ttcaaaaaa 2029

```

<210> 7114

<211> 1601

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1254)...(919)

<223> similar to gi3212110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7114

```

tttttttttt ttagggatgc attttgaata tttattgtcc ttgtttttta cataatttgc 60
aaatttacat aattataatg gctgtgtttg acaactggct tgcaacaaaa ttcttgaaaa 120
ttgaataatt ggccacactg ggctgggatg agccagctgg atcacaccgt tgccccctca 180
gcctctagga ggccctcagga ttatggcgct catcttatga tattggccga aaggagacag 240
tcttgagggt gctgcttact gttgaacttc cttttggaat gtatgggaga aggcagggaa 300

```

```

aggaatcttt aggcagactg ccatccaggg actgctattc tgttcaactga gattcagctg 360
tgaacatctg ttctttcttc ctcttctgtc tactgcatgc aggcccggaa gctgagcgtt 420
agtcaaaggt acaggaaggg aaaagagaag agggcaaggc ccatcccca agaaaggaag 480
ggctctgatg cagagggagc aggagctgag gtggagacgg cactgcctc tctcaccctc 540
tgttccatcc ctctgctcaa gaaaaccagg cttagcagag tgggacagac gctttttatt 600
ggtctggctg gcgtgcctag tggaaagctc aggcagagct tcctatcttg ccctggctcc 660
catcttccct ctctggggag ttcatcacac atcccagag ggaagagtgt cctgggcaga 720
ggtggcaggc aaagccgggt aaaaactcca gggctgggaa gcaaatgggg ctcagggtga 780
tgcagaaaat gtgatgttgc caggccatcc aaataaagca tccatcgggg cagaggagaa 840
gctgtttccc tgcagacact cctctgcccc caccaggaat gggaggggca ggaggaagag 900
cttcccagag aggtcccta ctgggccctt cgtgccatca gcatctcccg gatgttgtcc 960
tcagcttcct taacgcttcg ctccaggtag gactttttct gttctagtcc ttttaattttt 1020
tcttctgcta ttttctgctt ctctaacagc tgactgtgaa ttgcttcctt ggactgaaga 1080
ataaacattc ttctacacc ttcatatcat ttagtctcat ctaccaaagt catgatctct 1140
gtatctgtaa gatgtgcatg ctttttctgt ctgtttagct gttcaatctg tatgtctgag 1200
agcttcacct tctgttgagt gtcaataact ttggcttgaa gctctgtgaa ggctatgaaa 1260
gtgagtcctt gaagcctcca aacgcaacga aatgtctctg gagctcagaa agactggaca 1320
agcccgagac agcccgagc acttaccoga cccagaccaa ccggctccta cccagcaaga 1380
gccgctcgcc cccaccccg tttatggaga cccagtggag ccttaggact ctgggaaaacc 1440
attccctagt cactggacc ctcttctctt ctgcaaggct cgtgcctcac ttgatattct 1500
tgtctatagt cccctcagcc tccaaaaaga agacctccgc ctgccaaaga ccctctttta 1560
ccttcttcag ctctagatcc acggggggcg ccactcgtgc c 1601

```

<210> 7115

<211> 3221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (87)...(2771)

<223> similar to gi414669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7115

```

actccctcac tggtgcatc tgaaagagtc cacttctcag tgactcctaa ctgggcactg 60
gatgcagttg aggatgtctg gtcaatatga ttcttcttgc tgtgcttttt ctctgcttca 120
tttctcata ttcagcttct gttaaaggct acacaactgg tctctcatta aataatgacc 180
ggctgtacaa gctcacgtac tccactgaag ttcttcttga tcggggcaaa ggaaaactgc 240
aagacagcgt gggctaccgc atttcttcca acgtggatgt ggccttacta tggaggaatc 300
ctgatggtga tgatgaccag ttgatccaaa taacgatgaa ggatgtaaat gttgaaaatg 360
tgaatcagca gagaggagag aagagcatct tcaaaggaaa aagcccatct aaaataatgg 420
gaaaggaaaa cttggaagct ctgcaaagac ctacgctcct tcatctaate catggaaagg 480
tcaaagagtt ctactcatat caaaatgagg cagtggccat agaaaatate aagagaggct 540
tggtagcct atttcagaca cagttaagct ctggaaccac caatgaggta gatatctctg 600
gaaattgtaa agtgacctac caggctcatc aagacaaagt gatcaaaatt aaggccttgg 660
attcatgcaa aatagcgagg tctggattta cgaccccaaa tcaggctctg ggtgtcagtt 720
caaaagctac atctgtcacc acctataaga tagaagacag ctttggtata gctgtgcttg 780
ctgaagaaac acacaatttt ggactgaatt tcctacaaac cattaagggg aaaatagtat 840
cgaagcagaa attagagctg aagacaaccg aagcaggccc aagattgatg tctggaaagg 900

```

```

aggctgcagc cataatcaaa gcagttgatt caaagtacac ggccattccc attgtggggc 960
aggtcttcca gagccactgt aaaggatgtc cttctctctc ggagctctgg cgggccacca 1020
ggaaatacct gcagcctgac aacctttcca aggctgaggc tgtcagaaac ttcctggcct 1080
tcattcagca cctcaggact gcgaagaaag aagagatcct tcaaatacta aagatggaaa 1140
ataaggaagt attacctcag ctggtggatg ctgtcacctc tgctcagacc tcagactcat 1200
tagaagccat tttggacttt ttggatttca aaagtgcagc cagcattatc ctccaggaga 1260
ggtttctcta tgctgtgga tttgcttctc atcccaatga agaactcctg agagccctca 1320
ttagtaagtt caaaggttct attggtagca gtgacatcag agaaactggt atgatcatca 1380
ctgggacact tgtcagaaaag ttgtgtcaga atgaaggctg caaactcaaa gcagtagtgg 1440
aagctaagaa gttaatcctg ggaggacttg aaaaagcaga gaaaaagag gacaccagga 1500
tgtatctgct ggctttgaag aatgccctgc ttccagaagg catccaagt cttctgaagt 1560
atgcagaagc aggagaaggg cccatcagcc acctggctac cactgctctc cagagatatg 1620
atctcccttt cataactgat gaggtgaaga agaccttaaa cagaatatac caccaaaacc 1680
gtaaagttca tgaaaagact gtgcgcactg ctgcagctgc tatcatttta aataacaatc 1740
catcctacat ggacgtcaag aacatcctgc tgtctattgg ggagcttccc caagaaatga 1800
ataaatacat gctcgccatt gttcaagaca tcctacgttt tgaaatgcct gcaagcaaaa 1860
ttgtccgtcg agttctgaag gaaatggtcg ctcaacaatta tgaccgtttc tccaggagtg 1920
gatcttcttc tgctacact ggctacatag aacgtagtcc ccgttcggca tctacttaca 1980
gcctagacat tctctactcg ggttctggca ttctaaggag aagtaacctg aacatctttc 2040
agtacattgg gaaggctggg cttcacggta gccagggtgg tattgaagcc caaggactgg 2100
aagccttaat cgcagccacc cctgacgagg gggaggagaa ccttgactcc tatgctggta 2160
tgtcagccat cctctttgat gttcagctca gacctgtcac ctttttcaac ggatacagtg 2220
at ttgatgtc caaaatgctg tcagcatctg gcgaccctat cagtgtggtg aaaggactta 2280
ttctgcta at agatcattct caggaaacttc agttacaatc tggactaaaa gccaatatag 2340
aggtccaggg tgggtctagct attgatattt cagggtgcaat ggagtttagc ttgtggtatc 2400
gtgagtctaa aacccgagtg aaaaataggg tgactgtggt aataaccact gacatcacag 2460
tggactcctc ttttgtgaaa gctggcctgg aaaccagtac agaaacagaa gcaggcttgg 2520
agtttatctc cacagtgcag ttttctcagt acccattctt agtttgcatg cagatggaca 2580
aggatgaagc tcatttcagg caatttgaga aaaagtacga aaggctgtcc acaggcagag 2640
gttatgtctc tcagaaaaga aaagaaagcg tattagcagg atgtgaattc ccgctccatc 2700
aagagaactc agagatgtgc aaagtgggtg ttgcccctca gccgtagagt acttccagcg 2760
gatggttttg aaactgacct gtgatatttt acttgaattt gtctccccga aagggaacaca 2820
atgtggcatg actaagtact tgctctctga gagcacagcg tttacatatt tacctgtatt 2880
taagattttt gtaaaaagct acaaaaaact gcagtttgat caaatttggg tatatgcagt 2940
atgctaccca cagcgtcatt ttgaatcatc atgtgacgct ttcaacaacg ttcttagttt 3000
acttatacct ctctcaaatc tcat ttggta cagtcagaat aagttattct ctaagaggaa 3060
actaagtgtt tgttaaaatc aaaaataaaa acaaaaccac acaaggagaa cccgaatttt 3120
gtttcaacaa tttttgatcc aatgtatatg aagctcttga taggacttcc ttaagcatga 3180
cgggaaaacc aaacacgttc ccctaatacag gaaaaaaaaa a 3221

```

<210> 7116

<211> 1902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (103)...(1000)

<223> similar to gi5326797 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7116

gttccacctg	gcggtctggct	ctcagtcctc	tcgctgtagt	cgcgagagctg	tgtctgttcc	60
caggagtcct	tcggcggtctg	ttgtgtcagt	ggcctgatcg	cgatggggac	aaaggcgcaa	120
gtcgagagga	aactgtttgtg	cctcttcata	ttggcgatcc	tgttgtgctc	cctggcattg	180
ggcagtgta	cagtgcactc	ttctgaacct	gaagtcagaa	ttcctgagaa	taatcctgtg	240
aagttgtcct	gtgcctactc	gggcttttct	tctccccgtg	tggagtggaa	gtttgaccaa	300
ggagacacca	ccagactcgt	ttgctataat	aacaagatca	cagcttccta	tgaggaccgg	360
gtgaccttct	tgccaactgg	tatcaccttc	aagtccgtga	cacgggaaga	cactgggaca	420
tacacttgta	tggctctctga	ggaaggcggc	aacagctatg	gggaggtcaa	ggtcaagctc	480
atcgtgcttg	tgctccatc	caagcctaca	gttaacatcc	cctcctctgc	caccattggg	540
aaccgggcag	tgctgacatg	ctcagaacaa	gatggttccc	caccttctga	atacacctgg	600
ttcaaagatg	ggatagtgat	gcctacgaat	cccaaaagca	cccgctgcctt	cagcaactct	660
tcctatgtcc	tgaatccac	aacaggagag	ctgggtctttg	atccccctgtc	agcctctgat	720
actggagaat	acagctgtga	ggcacggaat	gggtatggga	cacccatgac	ttcaaagtct	780
gtgcgcatgg	aagctgtgga	gcggaatgtg	ggggtcacg	tggcagccgt	ccttgtaaac	840
ctgattctcc	tgggaatctt	ggtttttggc	atctgtgttg	cctatagccg	aggccacttt	900
gacagaacaa	agaaaggac	ttcgagtaag	aaggtgattt	acagccagcc	tagtgcccga	960
agtgaaggag	aattcaaaca	gacctcgtca	ttcctgggtg	gagcctggtc	ggctcaccgc	1020
ctatcatctg	catttgccct	actcaggtgc	taccggactc	tggcccctga	tgtctgtagt	1080
ttcacaggat	gccttatattg	tcttctacac	cccacagggc	cccctacttc	ttcggtatgtg	1140
tttttaataa	tgtcagctat	gtgccccatc	ctccttcatg	ccctccctcc	ctttcctacc	1200
actgctgagt	ggcctggaac	ttgttttaaag	tgtttattcc	ccatttcttt	gagggatcag	1260
gaaggaatcc	tgggtatgcc	attgacttcc	cttctaagta	gacagcaaaa	atggcggggg	1320
tcgcaggaat	ctgcactcaa	ctgcccacct	ggctggcagg	gatctttgaa	taggtatctt	1380
gagcttggtt	ctgggctctt	tccttgtgta	ctgacgacca	gggccagctg	ttctagagcg	1440
ggaattagag	gctagagcgg	ctgaaatggt	tgtttggtga	tgacactggg	gtccttccat	1500
ctctggggcc	cactctcttc	tgtcttccca	tgggaagtgc	cactgggatc	cctctgccct	1560
gtcctcctga	atacaagctg	actgacattg	actgtgtctg	tggaaaatgg	gagctcttgt	1620
tgtggagagc	atagtaaatt	ttcagagaac	ttgaagccaa	aaggatttaa	aaccgctgct	1680
ctaaagaaaa	gaaaactgga	ggctgggcgc	agtggctcac	gcctataatc	ccagaggctg	1740
aggcaggcgg	atcacctgag	gtcaggagtt	caagatcagc	ctgaccaaca	tggagaaacc	1800
ctactaaaaa	tacaaagtta	gccaggcatg	gtggtgcatg	cctgtaatcc	cagctgctca	1860
ggagcctggc	aacaagagca	aaactccagc	tcaaaaaaaaa	aa		1902

<210> 7117

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(314)

<223> similar to gi4803699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7117

ggcacgagct	aacttcagga	accagctcat	gatctcagga	tgtatggaaa	aataatcttt	60
gtattactat	tgtcagaaat	tgtgagcata	tcagcattaa	gtaccactga	ggtggcaatg	120
cacacttcaa	cctcttcttc	agtcacaaag	agttacatct	catcacagac	aatggagaa	180

acgggacaac	ttgtccatcg	tttcaactgta	ccagctcctg	tagtgataat	actcattatt	240
ttgtgtgtga	tggctgggtat	tattggaacg	atcctcttaa	tttcttacag	tattcgccga	300
ctgataaagg	catgaggatg	tggcctgcat	gctgcctgat	cttgccctgca	tgctgcctga	360
tcttgccctag	aaccggctgc	acctgctggt	ctcttggtta	tgcaaactgg	ctgcacctgc	420
tattcctttg	cttatgcccc	taccctggtc	tatcctaatt	ccctgttctc	ctgcctcact	480
attactgtat	tctctacttc	taaataaaaa	taaaacaaaa	tacaaaaccgt	taaaaaaaaa	540
a						541

```

<210> 7118
<211> 2162
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (286)...(1854)
<223> similar to gi4886423 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7118						
gccgaccccg	agaggcccg	atcctttagg	ccgcctgccc	gcctccagct	ctcggggagc	60
gctccaggag	gcgcctcag	gagagggg	ggcgctctat	tccagagacc	gagtggcagg	120
gcggccactg	tggcggggct	ctttccccgt	ttcgcctcag	ctacccctca	gctccggtag	180
tcgccagtc	ggggtcgctc	ccgtttgggg	cgggagctgc	tcggccccgc	cgccgtcccc	240
gtcgcgcgtt	ccgggtccag	gcccccggg	ccgctcgcg	ccgtcatgag	gctgcgggtg	300
cggtctctga	agcggacctg	gccgctggag	gtgcccagaga	cggagccgac	gctggggcat	360
ttgcgctcgc	acctgaggca	gtccctgctg	tgcacctggg	ggtacagttc	taatacccga	420
tttacaatta	cattgaacta	caaggatccc	ctcactggag	atgaagagac	cttggttca	480
tatgggattg	tttctgggga	cttgatatgt	ttgattcttc	aagatgacat	tccagcgctt	540
aatatacctt	catccacaga	ttcagagcat	tcttcaactc	agaataatga	gcaaccctct	600
ttggccacca	gctccaatca	gactagcata	caggatgaac	aaccaagtga	ttcattccaa	660
ggacaggcag	cccagtcctg	tggttggaat	gacgacagta	tgtaggggcc	tagtcaaaat	720
tttgaagctg	agtcaattca	agataatgcg	catatggcag	agggcacagg	tttctatccc	780
tcagaaccca	tgctctgtag	tgaatcgggtg	gaagggcaag	tgccacattc	attagagacc	840
ttgtatcaat	cagctgactg	ttctgatgcc	aatgatgcct	tgatagtgtt	gatacatctt	900
ctcatgttgg	agtcagggtta	catacctcag	ggcaccgaag	ccaaagcact	gtccatgccg	960
gagaagtgga	agttgagcgg	ggtgtataag	ctgcagtaca	tgcatcctct	ctgcgagggc	1020
agctccgcta	ctctcacctg	tgtgcctttg	ggaaacctga	ttgttgtaaa	tgctacacta	1080
aaaatcaaca	atgagattag	aagtgtgaaa	agattgcagc	tgctaccaga	atcttttatt	1140
tgcaaagaga	aactagggga	aaatgtagcc	aacatataca	aagatcttca	gaaactctct	1200
cgctctttta	aagaccagct	ggtgtatcct	cttttggtct	ttacccgaca	agcactgaac	1260
ctaccagatg	tatttggtt	ggtcgctcctc	ccattggaac	tgaaactacg	gatcttccga	1320
cttctggatg	ttcgttccgt	cttgtctttg	tctgcgggtt	gtcgtgacct	ctttactgct	1380
tcaaatgacc	cactcctgtg	gaggttttta	tatctgcgtg	attttcgaga	caatactgtc	1440
agagttcaag	acacagattg	gaaagaactg	tacaggaaga	ggcacatata	aagaaaagaa	1500
tccccgaaag	ggcggtttgt	gatgctcctg	ccatcgtaaa	ctcacaccat	tccattctat	1560
cccaaccctt	tgacccctag	gccatttcct	agctcccgcc	ttcctccagg	aattatcggg	1620
ggtgaatatg	accaaagacc	aacacttccc	tatgttgag	acccaatcag	ttcactcatt	1680
cctggtcctg	gggagacgcc	cagccagttt	cctccactga	gaccacgctt	tgatccagtt	1740
ggcccacttc	caggacctaa	ccccatcttg	ccagggcgag	gcggcccca	tgacagattt	1800

ccctttagac	ccagcagggg	tcggccaact	gatggccggc	tgtcattcat	gtgattgatt	1860
tgtaatttca	tttctggagc	tccatttgtt	tttgtttcta	aactacagat	gtcaactcct	1920
tgggggtgctg	atctcgagtg	ttattttctg	attgtgggtg	tgagagttgc	actcccagaa	1980
accttttaag	agatacattt	atagccctag	gggtgggtatg	acccaaaggt	tcctctgtga	2040
caagggttggc	cttgggaata	gttggctgcc	aatctccctg	ctcttggttc	tcctctagat	2100
tgaagtttgt	tttctgatgc	tgttcttacc	agattaaaaa	aaagtgtaaa	ttaaaaaaaaa	2160
aa						2162

<210> 7119
 <211> 918
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (194)...(446)
 <223> similar to gi5834538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7119						
gcacgagctg	gcgccgtccg	cgatccgcag	ggctgcccgc	ttaggcttag	gcccggcccg	60
ctggcaaagc	cgagccgcag	cattttattt	cgttcgtggt	ttccgcacag	gctggagttt	120
cgtgggttgg	gtcgtacttg	ggacctcggc	gaagaggacc	cgtttatatt	tttttctttc	180
caaaatggca	gcctccagtc	gcgcacaagt	gttagctctg	taccgggcga	tgctgagaga	240
gagcaagcgt	ttcagcgcct	acaattacag	aacatatgct	gtcaggagga	taagagatgc	300
cttcagagaa	aataaaaatg	taaaggatcc	tgtagaaatt	caaaccctag	tgaataaagc	360
caagagagac	cttggagtaa	ttcgtcgaca	ggtccacatt	ggccaactgt	attcaactga	420
caagctgata	attgagaatc	gagacatgcc	caggacctag	caagccgggg	accagccacc	480
agtggcggcc	agggaccacc	ttcagcatcc	actctctgtt	tgagatgggg	gctcccaaaa	540
ccagcttaca	atagcctttt	gcgctgcctg	tcctgtggga	gctgataaac	caagtcacat	600
ttgcattctg	ttgcaggctt	agtgaaaaag	gactgctgtc	tttccttggt	tcaagtgtta	660
gaatggagag	ctggagttcg	ttcagaatag	tgctgtgtgt	taccacgtct	cccctgcacc	720
ccattcctac	cttgtagctc	atgaccattg	tgtatagcat	ttctacactt	tgtttcttgg	780
tccttggtgaa	taaaaagaat	gatctccctg	agcctttgac	cccagataaa	cccctcccaa	840
ttaatgcatt	ttcatttcct	actgatacaa	ggcctggaga	gggctgttgg	gggccctcag	900
ggaggggttca	actctgag					918

<210> 7120
 <211> 2592
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (41)...(1424)
 <223> similar to gi5824432 in the genepept database release 114,

0940823.03400

Run with FASTXY 3.3t00, default parameters

<400> 7120

tttcgtcgc	ggcgggccc	gcgggtccg	gagcgcgcg	gagacgatgc	ctgagatcag	60
agtcacgccc	ttgggggccc	gccaggacgt	gggcccgaagc	tgcatcctgg	tctccattgc	120
gggcaagaat	gtcatgctgg	actgtggaat	gcacatgggc	ttcaatgacg	accgacgctt	180
ccctgacttc	tcctacatca	cccagaacgg	ccgcctaaca	gacttcctgg	actgtgtgat	240
cattagccac	ttccacctgg	accactgcgg	ggcactcccc	tacttcagcg	agatggtggg	300
ctacgacggc	cccatctaca	tgactcaccc	caccagggcc	atctgcccc	tcttgctgga	360
ggactaccgc	aagatcgccg	tagacaagaa	gggcgaggcc	aacttcttca	cctcccagat	420
gatcaaagac	tgcatgaaga	aggtggtggc	tgtccacctc	caccagacgg	tccaggtaga	480
tgatgagctg	gagatcaagg	cctactatgc	aggccacgtg	ctgggggagc	ccatgttcca	540
gattaaagtg	ggctcagagt	ctgtggtcta	cacgggtgat	tataacatga	ccccagaccg	600
acacttagga	gctgcctgga	ttgacaagtg	ccgccccaac	ctgctcatca	cagagtccac	660
gtacgccacg	accatccgtg	actccaagcg	ctgccgggag	cgagacttcc	tgaagaaagt	720
ccacgagacc	gtggagcggt	gtgggaaggt	gctgatacct	gtgttcgcgc	tgggccgcgc	780
ccaggagctc	tgcatcctcc	tggagacctt	ctgggagcgc	atgaacctga	aggtgcccct	840
ctacttctcc	acggggctga	ccgagaaggc	caaccactac	tacaagctgt	tcatcccctg	900
gaccaaccag	aagatccgca	agactttcgt	gcagaggaac	atgtttgagt	tcaagcacat	960
caaggccttc	gaccgggctt	ttgctgacaa	ccaggaccg	atggttgtgt	ttgccacgcc	1020
aggaatgctg	cacgctgggc	agtccctgca	gatcttccgg	aaatgggccc	gaaacgaaaa	1080
gaacatggtc	atcatgccc	gctactgctg	gcagggcacc	gtcggccaca	agatcctcag	1140
cgggcagcgg	aagctcgaga	tggaggggcg	gcaggtgctg	gaggtcaaga	tgaggtgga	1200
gtacatgtca	ttcagcgcac	acgcggacgc	caagggcatc	atgcagctgg	tgggccaggc	1260
agagccggag	agcgtgctgc	tgggtgcatg	cgaggccaag	aagatggagt	tcctgaagca	1320
gaagatcgag	caggagctcc	gggtcaactg	ctacatgccg	gccaatggcg	agacggtgac	1380
gctgcccaca	agcccagca	tcccgtagg	catctcgctg	gggctgctga	agcgggagat	1440
ggcgacgggg	ctgctccctg	aggccaagaa	gcctcggtc	ctgcacggca	ccctgatcat	1500
gaaggacagc	aacttccggc	tgggtgtctc	agagcaagcc	ctcaaagagc	tgggtctggc	1560
tgagcaccag	ctgcgcttca	cctgccgcgt	gcacctgcat	gacacacgca	aggagcagga	1620
gacggcattg	cgcgtctaca	gccacctcaa	gagcgtcctg	aaggaccact	gtgtgcagca	1680
cctcccagac	ggctctgtga	ctgtggagtc	cgctcctctc	caggccgccc	ccccttctga	1740
ggaccagggc	accaaggtgc	tgtgtgtctc	ctggacctac	caggacgagg	agctggggag	1800
cttctctaca	tctctgctga	agaagggcct	ccccaggcc	cccagctgag	gccggcaact	1860
caccagccg	ccacctctgc	cctctcccag	ctggacagac	cctgggcctg	cacttcagga	1920
ctgtgggtgc	cctgggtgaa	cagaccctgc	aggtcccatc	cctggggaca	gaggccttgt	1980
gtcacctgcc	tgcccaggca	gctgtttgca	gctgaagaaa	caaactggtc	tccaggctgt	2040
cttgcccttta	ttcctgggta	gggcaggtgg	tcctagacag	cagtttccag	taaaagctga	2100
acaaaagact	acttggtact	ctcttcttgg	tgtacatggc	tgtgtcctgc	actgtgcccc	2160
atcccgcctg	ggacagagac	gggcatccag	ggtgctggga	cccgggcagg	gaggctactg	2220
tggagaccag	gcagcagtgc	tgtgggcccc	aagcagctgt	gactgccctg	gcttgaccag	2280
cacagggttg	ggcctggtgt	ggcctaactt	tggcttgagt	gtccagggtc	atccgtggct	2340
cccgaactgt	ggcccctgca	gggtgcagga	ggcagcaccg	aggttcccgt	acagcactga	2400
cttgaggaat	aagccgtggg	ctggggctac	acgtgtctgg	tgtttgccc	gggatcttg	2460
gctctccaga	atcgtcttca	cctgggcagg	tgccaaagcc	cccagcccc	cggccaccag	2520
cacagccgtc	atcctccgta	cctgtctata	caggaaagac	tggctctcaa	actccaggtt	2580
cagaaccgca	gc					2592

<210> 7121

<211> 596

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (65)...(394)
 <223> similar to gi2826891 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7121
 aatagattag cagaccacta ggccagagcc gaggaattcg gcgctgcggc agtccagatc 60
 aaaaatggcg gtagttgggtg tgtcctcggg ttctcggctg ctgggtcggg cccgcccaca 120
 gctggggcgg cctatgtcga gtggcgccca tggcgaagag ggctcagctc gcatgtggaa 180
 gactctcacc ttcttcgtcg cgctccccgg ggtggcagtc agcatgctga atgtgtacct 240
 gaagtcgcac cacggagagc acgagagacc cgagttcatc gcctaccccc atctccgcat 300
 caggaccaag ccgtttccct ggggagatgg taaccatact ctattccata accctcatgt 360
 gaatccactt ccaactggct acgaagatga ataaagagaa tctggaccac taccggggca 420
 ccagggacca cagcactggg ttggaccggt actctgcaca tggaccagaa aaagtatatg 480
 ggaccttaag ctacacttct ttacttgtat caaatgatga ctggtatact ggtctcccat 540
 ccctttgctt gtggcaggag atggcttaaa taaataactt aaacttaaaa aaaaaa 596

<210> 7122
 <211> 346
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (75)...(334)
 <223> similar to gi30295 in the genepept database release 114;
 Run with FASTXY 3.3t00, default parameters

<400> 7122
 ggcacgaggg tgtctttgct gagggtcaca ttgagctgca ggttgaatcc ggggtgcctt 60
 taggattcgg caccatgacg gaagacatgc ataccactat caacaactac tggaccgccc 120
 cttatgacag ccgctttcga aaccagaacc agactaaaaa ctggttgacac aactacctgt 180
 acttccaccg ctgtcacaag gcgatgaacg gtaaacgagg cgatatctct gtgtgcgaat 240
 ggtgccaccg tgctgaccag gccctttgtc acagatactg gtcacagac tgggatgatc 300
 aaccacctga aagcacgttt cccgagaaga actgaactgg ctggat 346

<210> 7123
 <211> 1393
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(1045)

<223> similar to gil877202 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7123

ggaggggggaa	ttcccggtctg	cggtatttcgc	acgaggacga	gttacagctg	ccgcggctcc	60
ccgagctggt	cgaaactggt	agacagttac	tggacgaagt	agaagtggcg	actgaacccg	120
ccggttcccg	gatagtccag	gagaagggtgt	tcaagggtctt	ggacctcctt	gagaaggctg	180
ccgaaatggt	atcgagctc	gacttggttca	gccgaaatga	agatttggaa	gagattgctt	240
ccaccgacct	gaagtacctt	ttggtgccag	cgtttcaagg	agccctcacc	atgaaacaag	300
tcaaccccag	caagcgtcta	gatcatttgc	agcgggctcg	agaacacttt	ataaactact	360
taactcagtg	ccattgctat	catgtggcag	agtttgagct	gcccataacc	atgaacaact	420
ctgctgaaaa	tcacactgcc	aattcctcca	tggcttatcc	tagtctcggt	gctatggcat	480
ctcaaagaca	ggctaaaata	cagagataca	agcagaagaa	ggagttggag	cataggttgt	540
ctgcaatgaa	atctgctgtg	gaaagtgggtc	aagcggatga	tgagcgtggt	cgtgaatatt	600
atcttcttca	ccttcagagg	tggattgata	tcagcttaga	agagattgag	agcattgacc	660
aggaaataaa	gatcctgaga	gaaagagact	cttcaagaga	ggcatcaact	tctaactcat	720
ctcgccagga	gaggcctcca	gtgaaaccct	tcattctcac	tcggaacatg	gctcaagcca	780
aagtatttgg	agctggttat	ccaagtctgc	caactatgac	ggtgagtgac	tggtatgagc	840
aacatcgga	atatggagca	ttaccggatc	agggaatagc	caaggcagca	ccagaggaat	900
tcagaaaagc	agctcagcaa	caggaagaac	aagaagaaaa	ggaggaagag	gatgatgaac	960
aaacactcca	cagagcccgg	gagtgggatg	actggaagga	cacccatcct	aggggctatg	1020
ggaaccgaca	gaacatgggc	tgatcttccc	acaacaccac	aggactgcag	ggtgcacaac	1080
tcccttgcca	aggaaaaacca	tgcagtcctc	ccctccctgg	tctcctgctt	cagctctgta	1140
caacgagggc	aaagatgcta	aatcttgctt	tgcattcagt	aaagtgtcaa	gtgattaagt	1200
gtgtatttgt	accctagatg	atatgaacca	gcagtcctgt	tttggcatca	tcctcatcat	1260
gttgatttcc	agcttcttaa	gtggaaggaa	aagagtgtcg	agaaatggct	ctgtataatc	1320
tatggctatc	cgaattctct	gaaaaaataa	taaaagtccc	ctctattata	tgagcctgta	1380
cagaaaaaaaa	aaa					1393

<210> 7124

<211> 2312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (180)...(1862)

<223> similar to gi4884130 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7124

acgctccgga	atttctcggg	tcgacgattt	cgtcagggag	catgattgat	gccaacctga	60
------------	------------	------------	------------	------------	------------	----

aattgctgca	ggaagctgag	caacgtctca	aagccattgt	ggcagagaag	tttgccattg	120
ccaccaagga	aggtgatttg	ccccaggtgg	agcgcttctt	caagatcttc	ccactgctgg	180
gtttgcatga	ggagggatta	agaaaagttct	cggagtacct	ttgcaagcag	gtggccagta	240
aagctgagga	gaatctgctc	atggtgctgg	ggacagacat	gagtgatcgg	agagctgcag	300
tcatctttgc	agatacactt	actcttctgt	ttgaagggat	tgcccgcatt	gtggagaccc	360
accagccaat	agtggagacc	tattatgggc	cagggagact	ctataccctg	atcaaatatc	420
tgcaggtgga	atgtgacaga	caggtggaga	aggtggtaga	caagttcatc	aagcaaaggg	480
actaccacca	gcagttccgg	catgttcaga	acaacctgat	gagaaattct	acaacagaaa	540
aaatcgaacc	aagagaactg	gaccccatcc	tgactgaggt	caccctgatg	aatgcccgca	600
gtgagctata	cttacgcttc	ctcaagaaga	ggattagctc	tgatttttgag	gtgggagact	660
ccatggcctc	agaggaagta	aagcaagagc	accagaagtg	tctggacaaa	ctcctcaata	720
actgcctttt	gagctgtacc	atgcaggagc	taattggctt	atatgttacc	atggaggagt	780
acttcatgag	ggagactgtc	aataaggctg	tggctctgga	cacctatgag	aagggccagc	840
tgacatccag	catgggtggat	gatgtcttct	acattgttaa	gaagtgcatt	gggcgggctc	900
tgtccagctc	cagcattgac	tgtctctgtg	ccatgatcaa	cctcgccacc	acagagctgg	960
agtctgactt	cagggatgtt	ctgtgtaata	agctgcggat	gggctttcct	gccaccacct	1020
tccaggacat	ccagcgcggg	gtgacaagtg	ccgtgaacat	catgcacagc	agcctccagc	1080
aaggcaaatt	tgacacaaaa	ggcatcgaga	gtactgacga	ggcgaagatg	tccttcctgg	1140
tgactctgaa	caacgtggaa	gtctgcagtg	aaaacatctc	cactctgaag	aagacactgg	1200
agagtgactg	caccaagctc	ttcagccagg	gcattggagg	ggagcaggcc	caggccaagt	1260
ttgacagctg	cctttctgac	ttggccgccc	tgtccaacaa	attccgagac	ctcttgacgg	1320
aagggctgac	ggagctcaac	agcacagcca	tcaagccaca	ggtgcagcct	tggatcaaca	1380
gctttttctc	cgtctcccac	aacatcgagg	aggaagaatt	caatgactat	gaggccaacg	1440
acccttgggt	acaacagttc	atccttaacc	tggagcagca	aatggcagag	ttcaaggcca	1500
gcctgtcccc	ggtcatctac	gacagcctaa	ccggcctcat	gactagcctt	gttgccgtcg	1560
agttggagaa	agtgggtgctg	aaatccacct	ttaaccggct	gggtgggtctg	cagtttgaca	1620
aggagctgag	gtcactcatt	gcctacctta	ccacggtgac	cacctggacc	atccgagaca	1680
agtttgcccg	gctctcccag	atggccacca	tcctcaatct	ggagcgggtg	accgagatcc	1740
tcgattactg	gggacccaat	tccggcccat	tgacgtggcg	cctcaccctt	gctgaagtgc	1800
gccaggtgct	ggccctgcgg	atagacttcc	gcagtgaaga	tatcaagagg	ctgcgcctgt	1860
agctgcctgg	atgagcacac	ctggctcatc	acacttgcat	gcctgttccc	taaggggccc	1920
cagccaagga	gctgagcgag	gctgtcgggc	ttgggggaga	tctgacagcc	cagacctttc	1980
tacggctggc	agcagagaaa	caaagtctgg	acccactcca	tgctctgccc	tcagacctgg	2040
ccaggtgatg	ctctgggggc	agcatctccc	caccgagaga	agcgggctcc	taatgagggtg	2100
ggaaagccac	ggcaggcagc	gagcagccca	ggccagcttt	ctgcatggat	ggtcagtctc	2160
ttgccctcaa	acactacagc	aaacaagcta	cccctgccag	tcctagacaa	cttgggtaca	2220
tctggggacc	tagcagttag	gcttgacttt	gaggagaggc	tgtgatgttt	atgatccctg	2280
aataaagcta	ctccttgag	agaaaaaaaa	aa			2312

<210> 7125

<211> 1464

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (288)...(1347)

<223> similar to gi24479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7125
actagttcta gatcgcgagc ggccgctcgc gatctataat gcctcttctg aagcagccat    60
cccggcctct tggtagtgct gaccccagcc aggtctacagg gatcgattgg agctgtcctt    120
ggggctgtaa ttggccccag ctgagcaggg caaacactga ggtcaactac aagccacagg    180
ccccttcccc agcctcagtt cacagctgcc ctgttgaggg gaggcggtgg cccttctggt    240
gctagaccga gcctgtggga tataccaagg cagaggagcc catagccatg aggagcctcg    300
gggccctgct cttgctgctg agcgccctgcc tggcgggtgag cgctggccct gtgccaacgc    360
cgcccgacaa catccaagtg caggaaaaact tcaatatctc tcggatctat gggaaagtgg    420
acaacctggc catcggttcc acctgcccct ggctgaagaa gatcatggac aggatgacag    480
tgagcacgct ggtgctggga gagggcgcta cagaggcgga gatcagcatg accagcactc    540
gttggcgga aggtgtctgt gaggagacgt ctggagctta tgagaaaaca gatactgatg    600
ggaaagtttct ctatcacaaa tccaaatgga acataaccat ggagtcctat gtggtccaca    660
ccaactatga tgagtatgcc attttcctga ccaagaaatt cagccgccat catggacca    720
ccattactgc caagctctac gggcgggcgc cgagctgag ggaaactctc ctgcaggact    780
tcagagtggg tggccagggt gtgggcatcc ctgaggactc catcttcacc atggctgacc    840
gaggtgaatg tgtccctggg gagcaggaac cagagcccat cttaatcccg agagtccgga    900
gggctgtgct accccaagaa gaggaaggat caggggggtg gcaactggta actgaagtca    960
ccaagaaaga agattcctgc cagctgggct actcggcccg tccctgcatg ggaatgacca   1020
gcaggtatgt ctataatggg acatccatgg cctgtgagac tttccagtac ggcggctgca   1080
tgggcaacgg taacaacttc gtcacagaaa aggagtgtct gcagacctgc cgaactgtgg   1140
cggcctgcaa tctccccata gtccggggcc cctgccgagc cttcatccag ctctgggcat   1200
ttgatgctgt caaggggaag tgcgtcctct tcccctacgg gggctgccag ggcaacggga   1260
acaagttcta ctcagagaag gagtgagag agtactgcgg tgtccctggg gatggtgatg   1320
aggagctgct gcgcttctcc aactgacaac tggccgggtct gcaagtcaga ggatggccag   1380
tgtctgtccc ggggtcctgt ggcaggcagc gccaagcaac ctgggtccaa ataaaaacta   1440
aattgtaaac tcctaaaaaa aaaa                                1464

```

```

<210> 7126
<211> 3678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(1179)
<223> similar to gi214745 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7126
cgtattgaac tcgggttgga agaggcgagt ccggtctcaa aatggaggta aaaccgccgc    60
ccggtcgccc ccagcccgac tccggccgct gccgtcgccg ccgggggggag gagggccatg    120
atccaaagga accagagcag ttgagaaaac tgtttattgg tggcttgagc tttgaaacta    180
cagatgatag tttacgagaa cattttgaga aatggggcac actcacagat tgtgtggtaa    240
tgagagaccc ccaaacaaaa cgttccaggg gctttgggtt tgtgacttat tcttgtgttg    300
aagaggtgga tgcagcaatg tgtgctcgac cacacaaggt tgatgggcgt gtagtggaac    360
caaagagagc tgtttctaga gaggattctg taaagcctgg tgcccatcta acagtgaaga    420
aaatTTTTgt tgggtggtatt aaagaagata cagaagaata taatttgaga gactactttg    480
aaaagtatgg caagattgaa accatagaag ttatggaaga caggcagagt ggaaaaaaga    540
gaggatttgc ttttgtaact tttgatgatc atgatacagt tgataaaatt gttgttcaga    600
aataccacac tattaatggg cataattgtg aagtgaaaaa ggccctttct aaacaagaga    660

```

tgcagtctgc	tggatcacag	aggggtcgtg	gaggtggatc	tggcaatttt	atgggtcgcg	720
gagggaaactt	tggaggtggt	ggaggttaatt	ttggccgtgg	tggaaacttt	ggtggaagag	780
gaggctatgg	tgggtggaggt	ggtggcagca	gaggtagtta	tggaggaggt	gatggtggat	840
ataatggatt	tggaggtgat	ggtggcaact	atggcgggtg	tcctggttat	agtagtagag	900
ggggctatgg	tgggtggtgga	ccaggatatg	gaaaccaagg	tgggtggatat	ggtggaggtg	960
gaggatatga	tggttacaat	gaaggaggaa	attttggcgg	tggtaactat	ggtggtggtg	1020
ggaactataa	tgatttttga	aattatagtg	gacaacagca	atcaaattat	ggacccatga	1080
aagggggcag	ttttggtgga	agaagctcgg	gcagtcccta	tgggtggtggt	tatggatctg	1140
gtggtggaag	tgggtggatat	ggtagcagaa	ggttctaaaa	acagcagaaa	agggctacag	1200
ttcttagcag	gagagagagc	gaggagttgt	caggaaagct	gcaggttact	ttgagacagt	1260
cgtcccaaat	gcatttagagg	aactgtaaaa	atctgccaca	gaaggaacga	tgatccatag	1320
tcagaaaagt	tactgcagct	taaacaggaa	acccttcttg	ttcaggactg	tcatagccac	1380
agtttgcaaa	aagtgcagct	attgattaat	gcaatgtagt	gtcaattaga	tgtacattcc	1440
tgaggtcttt	tatctgttgt	agctttgtct	ttttcttttt	cttttcatta	catcagggtat	1500
attgccctgt	aaattgtggt	agtggtagca	ggaataaaaa	attaaggaat	ttttaacttt	1560
tcaatatttg	tgtagttcag	tttttctaca	tttttagtaca	gaaactttta	caaaatgcag	1620
tttcgaaggt	gtttccctgt	gagttaacaa	gtaaagaaga	tcattgttaa	ttactatttt	1680
gtatgaattt	tgctaaagtt	aactgtaaag	aaacacctgc	tgacttgcag	tttaagggga	1740
atctattctc	cccatattcca	aaccatgata	tgaatgggcg	ctgacatgtg	gagagaatag	1800
ataatttggtg	tgtttgcaat	gtgtgtttta	gataaatagg	attgggtatt	taaattagca	1860
tttgtgaatt	taatagcatt	aagattacct	tcaaataaaa	aaaaatctca	aaatttctat	1920
ttggttttttg	tgcattttct	tttaaaatgt	aatcatatga	ttttagtgtg	ttagacttgc	1980
tgagtcctag	ctgtgttttag	aacagaacat	ctctattcta	catttacctt	ggtcaaattt	2040
gaactgctgc	cataggtttt	gggtgtaaag	aatgtttact	gccctccatt	taaattctga	2100
aaagggatgg	tggatgtttt	ccctctccta	cgtagaagac	cattcttaaa	aacttttgaa	2160
aatatagaac	cattaagcct	gctatatctg	agcaaattaa	tgggtacctt	ttttttctta	2220
tttaaagcac	aagaggccca	taaactcttg	gttactttta	attctttttt	ttgatacaag	2280
ttttcagagc	aagagaataa	aaatcatgtg	ttattaaacc	cctaactggc	tggcatgctt	2340
tcctgtttgt	attctatata	ttttgctgga	tgaaccaaag	gatagtccag	gtataattgt	2400
ccaaaataac	ctaactgcag	cagaaatgta	gcacagttgc	ttagtacagg	cttctcactt	2460
cctacagacc	tgaattcaaa	tttggtatgt	ctgagttctt	aaattcccaa	agaacacact	2520
gttatttctt	gtgtatatatt	caacataaat	catgttggtt	ccaatttggt	tgggaaggccc	2580
tggttgagaa	gagtttttagt	taataagggtc	atatatacat	atattaatat	aaaccaatgt	2640
ctactgtttt	gctccagcta	gtgcttacag	tttcattoga	gccctgagta	tgtgccctgc	2700
tgttactctc	tttggttagtt	gaacgttgaa	ttcaagtctt	ttgttttaag	aagtactaag	2760
caaacaagca	ataaaaaggg	gaatgggggtg	tgctagtgtt	tgaatatgct	ctcttggtgc	2820
tctaattctg	tgccctctgtg	cattaatat	tggatgcatg	caatgccagc	atggaaattg	2880
gtcttcacat	atactgcagt	tttccagaaa	cattcacaaa	ccaataaatg	taacagacat	2940
tccatttgtt	aatgggcata	tatgtgaaaa	gcagtgtaga	aaataggcta	atattagaaa	3000
atggttaagt	cctaaataac	ttcaagtgtg	gttatataat	ggacactgtc	aatgttcata	3060
acttaaacct	gggtacctgg	tcaaaataat	gcttgggaaa	cattaaaatt	gagctaaatt	3120
gtctcaagtt	cttttattca	tataaataaa	gtttaaagga	atgggggaga	ttaacatttc	3180
ctgttttatg	tttgtgaaat	tgtttgacac	aaccttgaca	gtatccttta	atggcatgag	3240
gttaattgta	ctgttaacca	actttctatg	ttctggaact	agtattatag	tgaaaacatt	3300
tacagtaagt	tgatgtttac	aacctataag	cagggtgaaat	ctgtgtatgt	gacctgttta	3360
taagttgtat	tagcttagct	cttgtgaaca	gtgtggaaaa	gtaagccatg	aggagagcga	3420
tttaaccacc	tttaaaggac	ctaagatgtg	ctttttaagc	acagtgtgga	tcacagaaac	3480
tcactaagac	aggacttcag	cagccttttg	tgtttggaca	agtcagcata	aataaagaat	3540
gacaaggcag	cagcaagagc	ttcaactaca	gagaagtga	ggcataagat	actatgatga	3600
tagtgagcca	ctttccaaaa	gctagttaaa	atctgcttat	tacaactgaa	atatcgagaa	3660
agtctagcag	gaaggagc					3678

<211> 1471
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1282)...(906)
 <223> similar to gi3549605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7127
 ttacaagaa acactcatta tttattcatg tggctgaaag agtatattaa ttatgttttag 60
 atttttggaa aaagtctgaa caaaaaaagg acctatacag tgctcaaaact atatttttta 120
 aaataactaat tttattttta ctccacatat ggaaaaaaat ggctgtacta tcatgtttac 180
 catacatact aacattggaa acagaataac gaattgtatt taaattttat gaagaacaca 240
 caaacattaa aacactgatt ggttacagaa agcagagttt gaggaaaaaa cattagctat 300
 aatttttcatt ttcattaaag agcagcaccc tctgagaata atcaaactga ttagtaatat 360
 tcatctatac tgcaaaataa tatgtacaaa ggaaagttag tgattgtact gattttatta 420
 cttttaccaa gccattttat gttcctcact caatgcaaag aaataaaaaca taatctgaag 480
 aaaaaatatgt ccttattatt attcacaata aaaagtggc tttattctgc aagcctgggc 540
 atattgtaca attggcagca cttaacggct caagtggatc aatgtaccag tttgattctg 600
 atccactgaa tagaatctct catccatattc tggtgaccag actaactcca tgggagctgt 660
 gatagactga accattttctg tggatccct agatctcact aaataagaaa gaccctacac 720
 cagaaaaatat agcaactgat ctatctataa attacatcta tatgctagct ctttagtata 780
 agttgaaaaa aggggccctt tcttgagcac atggataaaa gtattattgt agtctaaaga 840
 ttgctggatt gatattgtgt tggtataatg aagataaggt acacactgaa accactgtca 900
 gattaagaaa cttccacaac ttgtctcagt tcttcaaaca atggagcaag ttccttttct 960
 aggctgacaa ttagtcctgt attggcactg ctgctggcta tgaaactcac caccaaaggt 1020
 aaacgattaa attgaaccac ctggtaggtg ttatagtaac agatgatact tttatttttg 1080
 gaaagtccaa gtttgcttcc ttggtctgtt gcaagggcaa aagtggataa gaaaccaggt 1140
 cgcaaagcat gctctggagc attgtcattt gccactttaa taacagggtac tccatctcta 1200
 tctgacacaa caatggcatg gagcccttca acacttggtg actttttata caagaatcgc 1260
 tttaggtcat ccgccatgat gaacccccct ctctcgcagg atcaatctcc acgcctgggg 1320
 tttctgggct gcctggttct ctccgctgtc acttcaggga cagcttttaa gacaggttcc 1380
 tcctcaagcc accgtcacat gattcatgac ctctgtctgc ctccaggaag cactttataa 1440
 gccgccgtcg ccctacgata cgggatttcc g 1471

<210> 7128
 <211> 839
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (52)...(432)
 <223> similar to gi3255997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

001210"5248450

```

<400> 7128
gcggggaatt cccgatctgct gctcgtctca ggctcgtagt tcgccttcaa catgccggaa    60
ccagcgaagt cccgtcccgc gcccaagaag ggctcgaaga aagccgtgac taaggcgcag    120
aagaaggacg gcaagaagcg caagcgcagc cgcaaggaga gctactccgt atacgtgtac    180
aaggtgctga agcagggtcca ccccgacacc ggcatctcct ctaaggccat gggaatcatg    240
aactccttcg tcaacgacat cttcgaacgc atcgcggtg aggcctccccg cctggcgcat    300
tacaacaagc gctcgacccat cacctccagg gagatccaga cggccgtgcg cctgctgctg    360
cccggggagt tggccaagca cgccgtgtcc gagggcacca aggcctcac caagtacacc    420
agcgctaagt aaacttgcca aggagggact ttctctggaa tttcctgata tgaccaagaa    480
agcttcttat caaagaagc acaattgcct tcggttacct cattatctac tgcagaaaag    540
aagacgagaa tgcaaccata cctagatgga cttttccaca agctaaagct ggctcttga    600
tctcattcag attccaaaga gaatcattta caagttaatt tctgtctcct tgggtccattc    660
cttctctcta ataatacttt actgttcctc aaagaattgt ctacattacc catctcctct    720
tttgcctctg agaaagagta tataagcttc tgtacccac tggggggttg gggtaatat    780
ctgtggctct cagccctgta ccttaataaa tttgtatgcc ttttctctta aaaaaaaaa    839

```

```

<210> 7129
<211> 1124
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(815)
<223> similar to gi5410308 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7129
tgcctttccg tcaattcctg tctggggcgt acgtcaagat ggcggcgtct gtattaaaca    60
ccgtgctgag gcggcttcct atgctatctc tcttcagagg ttctcacaga gttcagggttc    120
ccctccagac tctttgcacc aaagctccct ctgaggaaga ttctttgtcc tcagttccca    180
tttctcctta taaggatgag ccctggaaat atctggaatc agaagaatac caggagcgat    240
atggttctcg ccccgctctgg gctgactacc gccgcaacca caaggggtgg gtacccccac    300
agcggactcg gaagacatgt attcgtcgga ataaagttgt tgggaatccc tgccccatct    360
gtcgagatca caagttgcat gttgacttta ggaacgtgaa gctcttggag caatttgtct    420
gcgccacac gggatatcat ttctatgtct catacacagg agtctgtgtg aagcagcaca    480
agcggttgac ccaggccatc cagaaagcca gggatcatgg tctcctcatt taccacatcc    540
cccaggttga accacgggac cttgacttca gtacctctca tggggctgtg agtgctactc    600
cgccagcccc caccctggte tcaggtgacc cctggtaccc atggtacaac tggaaacagc    660
cacggagag agaaactgtct cgcttgcgc ggctttacca gggatcatct caagaagaga    720
gtggccccc acctgagtca atgccaaga tgccccctag aacaccagcg gaagcctcct    780
ccactgggca gacaggccct cagagtgtct tgtaggagct gtagactggg aagagaggcc    840
aggcgtggtg gctcactcct gtaatccag cactttggga agccaaggtg ggctgatcac    900
ttgatccag gagtttgaga ccagcctggg caccatggtg aaacctcgtc tttacaaaaa    960
aatacaaaaa ttagctgggt gtggtggtgc acacctgtag tctcaactat tggggaggct   1020
aaggtaggat cacttgatcc caggaggcgg aggttgcagt gagttgcagt cacaccctg    1080
cactccagcc tgggtgacag ctagaccctg tctcaaaaaa aaaa                    1124

```

```

<210> 7130
<211> 2152
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2153)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (110)...(891)
<223> similar to gi471981 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7130
cgccgggacct ggggaagggg cgggcgcggg gacccgatgc gcgggagcgg aggccgagat    60
ggcttcggcg ggaggcgaag actgcgagag ccccgcgccg gaggccgacc gtccgcacca    120
gcggcccttc ctgatagggg tgagcgggcg cactgccagc gggaagtcga ccgtgtgtga    180
gaagatcatg gagttgctgg gacagaacga ggtggaacag cggcagcggg aggtggtcat    240
cctgagccag gacaggttct acaaggtcct gacggcagag cagaaggcca aggccttgaa    300
aggacagtac aattttgacc atccagatgc ctttgataat gatttgatgc acaggactct    360
gaagaacatc gtggagggca aaacggtgga ggtgccgacc tatgattttg tgacacactc    420
aaggttacca gagaccacgg tggctctacc tgcggacgtg gttctgtttg agggcatctt    480
ggtgttctac agccaggaga tccgggacat gttccacctg cgctctctcg tggacaccga    540
ctccgacgtc aggtgtgtc gaagagttct ccgggacgtg cgccgaggga gggacctgga    600
gcagattctg acgcagtaca ccacctctgt gaagccggcc ttcgaggagt tctgcctgcc    660
gacaaagaag tatgccgatg tgatcatccc gcgaggagtg gacaatatgg ttgccatcaa    720
cctgatcgtg cagcacatcc aggacattct gaatggtgac atctgcaaat ggcaaccgagg    780
agggccaat gggcgaggct acaagcggac cttttctgag ccaggggacc accctgggat    840
gctgacctct ggcaaacggt cacatttgga gtccagcagc agacccccact gaggggctgc    900
cgagcctcag ggcaggtctc ccgcccggca tgtgtgttca gggactgagc ctggggacgc    960
ccacccacac ccactgcttc ctctcggcgc accccagggg agtggttagca gcgaggcctt   1020
cctcactcag gagtggaaac tcagatgtgt cactcagact caacttgctg ggacactgac   1080
aggcgttcct gaggttttca gccacttagg ctcgttgcgg tttaaagatc cctctaggtc   1140
actgagaaat gccacagaat gtgcaggaag cctgggaggc ttctgtgagg aatgtgaggc   1200
acattattgg ggaaattgag gagacagcct agacactggc tggcctgatg ttttgttgac   1260
agtgaaccca cagtgggaga gagttttttc cagtctgac tggttcttac aactcacac   1320
acataactca aaagttttgt gaacaagtac tttccttttt tacatgttac atgtcctcat   1380
gttttctgtt ttctgtttca taacacaagg ctggttgttg cctacaaacc taatttcatg   1440
accagtggtt ttgcagcca gcgtggccta cacggatatg gggagccact gagggatggt   1500
ttcccccttt gcttgtgcct taaaggcaga gaagcgaggc ggatgcctg gaagcaccga   1560
gcatcacacc caggcttgtg cggggccagg ctgggagccc atgcagtagg gcagaaggca   1620
gcggaggcca ggtctgtccc ggctggagaa cagcgttcca cgcaagtcct gcctggggtc   1680
aggccctcac tgacctcag gggagccccc aagggtgctgt ctgtcctaaa acaggctgtt   1740
cccaccccag ggtggctagt gggcccatat gcagggaatg gtgcttctct gctgtggcac   1800
tgactgggn tcaaccaggg tccccagcag acatggcctg cccaaagtca gcaagcctcc   1860
tttgtgcgta tgtggagctc acagcctcac atgtgaacac ccgtgtctgg gttgcctggg   1920
gtgatcctcc ctctgcgtg gtggctgtct ctggaaagca tcccttgccg ctgccatggg   1980
cagccccagc ccccgctcgt ccaggctcac ccacagtagt gatgcagacg tgacgtgggg   2040

```



```

gaagggggct gagccctgtg gctgggttct gacaactgta acggttttgt cgagcttagg 2100
cccctttgga gggagaatca ataaataaca aacaccaact acaaaaaaaaa aa 2152

```

```

<210> 7131
<211> 883
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (389)...(669)
<223> similar to gi5912179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7131
tttcgtgccg gtcggaggcg gtcggcggag gtgtctaccc cgccgggtgat ggcgttgaac 60
gccactggct tcccggcctt ccgtccgctg cctccgtccg attctgcgtc tgcttgctga 120
ggaggcggat taggggggcg cggagtctct tcccttgagt gcatagggtcc cggttggttag 180
agggtttgag tccgcatcgc cacagctgaa ggctgcgagg gactaagagc agaatatatc 240
tttagaaatg agttgcacaa ttgagaaggc acttgccgac gctaaagctc ttgttgaaag 300
attaagagat catgacgatg cagcagaatc tctgattgag caaaccacag ctctcaacaa 360
gcgagtagaa gccatgaaac agtatcagga agaaattcaa gaacttaatg aagtcgcgag 420
acatcggcca cgggtccacgt tagttatggg aatccagcaa gaaaacagac aaatcagaga 480
gttgcaacaa gaaaacaaag aattacgtac atctctggaa gaacatcagt cggccttgga 540
acttataatg agcaagtacc gagaacaaat gtttagattg ctaatggcta gcaaaaaaga 600
tgatccgggt ataataatga agttaaaga gcagcactcc aagattgaca tgggtacatcg 660
taacaagtcc gaaggattct tccttgatgc atctcgacac atccttgaag cacctcaaca 720
tggaactggag agaaggcact tggaaacaaa tcagaatgta cactaaataa acagtcaact 780
tttggggtgt ggatggaagg ggggtccatt ttaaaagtgc ttttacattg aatttccttc 840
ccagattaga tcagcaaata aatgaaattt attaaaaaaa aaa 883

```

```

<210> 7132
<211> 2356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2357)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2143)...(189)
<223> similar to gi3493162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400>	7132					
tttttttttt	ttcccagggtc	cagcttttatt	acctaataca	agtccaacct	ctggaacatc	60
caaattcgct	gttccaaagt	ttaattaaaa	acacaattta	caaatattta	atatcttctg	120
aaaagcattt	ttaagttaag	aatgaaaaag	tatgtacata	atatataatc	aaataccagg	180
cagcctcaac	ttccaccagg	tcacactca	gcaacatccg	tcttttttagg	ttcttcagtg	240
tcttctgtca	aatccacaaa	gttggtttcc	atgacggggg	aaggaatgga	aatccccatt	300
gcttttcgaa	ctccatacgt	gcttacgata	tcacctggag	ttacttgctg	tgcaagttct	360
ttaagattat	tggtcacttg	ttcagcaaga	tgcatthctc	tgtatgaggg	acccaagaga	420
cagatcatgt	tcggaggggg	tctggtgctc	aaacgttcat	tctgggcttc	ctggagttcc	480
ctgagcaatc	tggtggtctc	atcaagtttc	ttctggaata	tttcagcttc	ttcagagtca	540
aaaaactcaa	ctggaacgcc	aaaatttggt	actgctttca	gcgctatgag	cctgtcttga	600
gtactggagt	ccaaacgccc	tggtggctct	acttctgtaa	tctgctccat	ttcttttgct	660
gtgtcaagtg	ctctagtatg	gccttcatct	tcaggcaaatg	acatctccat	ctcttgtagg	720
gtcctggaaat	gccctccttt	tgttaaaaca	tcagtaaac	tatctgccat	gacatacggg	780
taatcttggc	acgtggccaa	aaactcatgg	atgctgaaat	cacttggaag	atcagagtct	840
tccccatagg	ttgaatagat	taaatcagaa	tcatccttgc	tgatatttgc	aaatgtggag	900
tcataatgcg	gtgcataaga	actgtagggc	ccataattca	aatataacac	tgagtgact	960
ttgttccttt	tatctctttt	gaacccctgc	aaagtattca	ctccagactg	aagtcttcca	1020
gttgtcattc	ccagtctcac	agggcagtag	cctggctctc	ctacaatggg	atccacagga	1080
tggagaagtc	ccaacgtcgt	tgttccatct	ggttttcttc	tttcaaattc	gcactgactg	1140
ttcacaagcc	gcctggtcag	ctttcctcca	gattccttca	cgatgcggtc	aagctgctcc	1200
tgtctctctc	ctaaattatt	gcttttaaac	ttatcttcaa	gcatatcttt	gtctttcttt	1260
ttattttctt	tgtctgggact	cttgaaggcg	tgtgcttcgg	catctccaga	gtcctctctc	1320
tctctctgcc	agcagcctcc	gtcctcccca	ctctgtgagg	tgtctgttcc	atctttctgc	1380
tttcgagttt	tctgcaagtc	agccatgaag	tctatgctct	gcttcaggct	ctgaattctt	1440
tctctggctaa	gaattttcat	tcttgagtgc	aacagctctt	ttgcagcttt	ataataaatt	1500
gtctctggtt	tattgtaaat	catggcatta	gtacacatta	tgttggaagt	atccttttagt	1560
tcttctatgg	actgatagtc	attgttcttg	atcttttctt	tcatggtaact	aaaatccatt	1620
gggtgtttta	tgatcatgga	gtagccagga	gcaataaaat	cagtcacagg	aaatgaaaag	1680
aaagcacttg	gatcttttct	ctgcaattgt	ctcatcagtt	gattcaaagc	ttcttgaagg	1740
ggtgtctggt	ctacttcttc	ttgtttggct	aaagagcttg	tgagaggctt	ctcaggaggc	1800
aagtctaatt	tcacaggggc	gtgacactgg	agatcttttt	ctgcctcatt	ctccaccggg	1860
tctcgatctc	gcttcttttt	atcctcctta	actcttctcc	gttttctccc	cttttcttcc	1920
cctggaatct	gcttctctcc	tttcttttctc	tttttccgct	ttctgtcctt	gtgtttgtca	1980
tgatcgtttt	tgtcttcgaa	gaggctggag	tcgtgccccg	agctgcccgt	ggagagttcg	2040
gtgacttcgt	tccctcctac	tttgaggacc	agcttcaagg	gcttctctac	atactcctcg	2100
tagagggtgt	tgtccgactt	gtgcttcttg	tgttctttgc	agaaaaactcg	aaagcagaaa	2160
gatggaacag	acacctcaca	gagtggggag	gncggaggct	gctggcagag	agagagagag	2220
gactctggag	atgccgaagt	acacgccttc	aagagtccca	gcaaagaaaa	taaaaagaaa	2280
gacaaagata	tgtctgaaga	taagtttaaa	agcaataatt	tagagagaga	gcaggagcag	2340
cttaaccgca	tcgtga					2356

```
<210> 7133
<211> 1944
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
```

<222> (205)...(670)
 <223> similar to gi3879017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7133

ccagtctggt	ggaattcctg	tgaggggccc	cgtctgcag	cagccgccc	gaccgggcat	60
ggtgttgggc	gccgggccc	cctcgccgt	ctcggggagc	ccagggtaaa	ggcagcagta	120
atgctaacgc	tagcaagtaa	actgaagcgt	gacgatggtc	tcaaagggtc	ccggacggca	180
gccacagcgt	ccgactcgac	tcggaggggt	tctgtgagag	acaaattgct	tgttaaagag	240
gttgacagaac	ttgaagctaa	tttaccttgt	acatgtaaag	tgcatTTTcc	tgatccaaac	300
aagcttcatt	gttttcagct	aacagtaacc	ccagatgagg	gttactacca	gggtggaaaa	360
tttcagtttg	aaactgaagt	ttccgatgcg	tacaacatgg	tgctcccaa	agtgaatgc	420
ctgaccaaga	tctggcacc	caacatcaca	gagacagggg	aaatatgtct	gagtttattg	480
agagaacatt	caattgatgg	cactggctgg	gctcccacaa	gaacattaaa	ggatgtcggt	540
tggggattaa	actctttgtt	tactgatctt	ttgaattttg	atgatccact	gaatattgaa	600
gctgcagaac	atcatttgcg	ggacaaggag	gacttccgga	ataaagtgga	tgactacatc	660
aaacgttatg	ccagatgata	aaaggggacg	attgcaggcc	catggactgt	gttacagttt	720
gtctctaaca	tgaaacagca	agaggtagcc	ccctctccc	tcctcatgct	ccctctcagt	780
cccctggatt	gccccagtc	tgtgaccatg	ttgccctgaa	gaagaccatc	ttcatgactg	840
ctcattgtag	atggagaatt	caacataaat	acagcaagaa	aatgtgtttg	ggcttctgaa	900
gagttgtctg	cttaccttaa	catgtttact	tttttgaact	tgtactgtat	aggctgttgg	960
tgaaattctt	aagaagttgt	aatgaactca	aaattgaggc	cagagcttgc	tttccctttt	1020
cccaaacaaa	attggttttc	tgcaacaagc	atgctaata	tgtgttcagt	gtaactcgca	1080
gattggcaat	aagatacccg	ctacaaactg	tgattggatg	caaatctct	tagcttcttt	1140
cacgaatgtt	ggccctgcct	agatgttgtg	aagcctccca	gaatgcatag	agtcattcac	1200
tgtagatctc	ttattgaaat	gcgtatttta	tttaatgtaa	gtatattttg	gaacagattt	1260
gtaatttgta	caattcaatg	ctttaattat	tttttctatt	ctcatttagt	ttgtattttc	1320
attgtataga	gcagacagaa	agatgttggg	tcaagcaact	attgaagaga	aatacaaa	1380
aaatatgaaa	ggcacattat	tcattttgtc	caaatgcaat	gagaatctca	ctcttaaaaa	1440
tcagctcttg	ctttcgggtc	cggatgttgt	gagcacattt	tggagccctt	tgaagctaga	1500
tttgatgat	caaaacaaaa	aggcagggag	ccatttctaa	catgctgccc	agaggaaact	1560
ggctggagcc	tggaccagct	ggggctgatg	cttttgcagt	ggatcatgtg	ttgtgacctg	1620
gtagctactt	atcagagagc	ccagaccctg	ctgtcctggg	agacaggagc	gatgcctcag	1680
gaatcagccc	aatgtctgat	gtcactgaga	ctgtacctgt	ggccattctt	ctgagtttgc	1740
tatggctcca	aggccctgcc	ggctgggggtg	aagcctccta	aggcccttgg	aaggaccaag	1800
gagtcaacag	tggcatatgc	catcctccgg	ccagggttaat	atactgcaga	ggaaaagccc	1860
tgaagagagg	caagtggatt	tactccagca	tgtagacatt	tgaaccagtg	aatcaaaaca	1920
caaaataaat	gtctgtctag	tttc				1944

<210> 7134
 <211> 1565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(922)
 <223> similar to gi4894847 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7134
ccgctgagtc ggcagcctcg ccggcagctc gctcggcccc cgcttgcccc ggcccgcagg 60
gttctctccc cttgccacca tgagcagagtc atttgactgt gcaaaatgca acgagtcacct 120
gtatggacgc aagtacatcc agacagacag cgccccctac tgtgtgccct gctatgacaa 180
tacctttgcc aacacctgtg ctgagtgccca gcagcttatc gggcatgact cgaggggagct 240
gttctatgaa gaccgccatt tccacgaggg ctgcttccgc tgctgccgct gccagcgctc 300
actagccgat gaacccttca cctgccagga cagtgaagctg ctctgcaatg actgctactg 360
cagtgcgttt tcctcgagtc gctccgcttg tggggagact gtcatgcctg ggtcccggaa 420
gctggaatat ggaggccaga catggcatga gcactgcttc ctgtgcagtg gctgtgaaca 480
gccactgggc tcccgttctt ttgtgcccga caagggtgct cactactgctg tgccctgcta 540
tgagaacaag tttgctcctc gctgcgcccg ctgcagcaag acgctgacac aggggtggagt 600
gacataccgt gatcagccgt ggcacgcaga atgtctggtc tgtaccgat gccagacgcc 660
cctggcaggg cagcagttca cctcccggga tgaagatccc tactgtgtgg cctgttttgg 720
agaactcttt gcacctaatg gcagcagctg caagcgcccc atcgtaggac tcggtggagg 780
caagtatgtg tcctttgaag accgacactg gcaccacaac tgcttctcct gcgcccgtg 840
ctctacctcc ctggtggggc agggcttctg accggatgga gaccaagtgc tctgccaggg 900
ctgtagccag gcagggccct aagccagggc tcctggaccc aggccttccc ataccacggg 960
cccaggactg tggctccttt tctaaaccac ctctgggact cagctcccc cgccaaaaaa 1020
aatgggtctc cttctgggct ccaggattgt ctccccactc cagcatcccc aaactggtag 1080
tccttgaccc agggcccca tcttgggctc ttacagagcc tccatgagtc aagccccctc 1140
cccacacctg gactccagaa ttcacctct cccctgcagt ctgggttccc agactgagtc 1200
ctctcccca atcagggtct tagacccgag ccctccaaac ctggactctg ggacttaggc 1260
ccccttaaat ctagacttct ctttataggt ttcagggtct ctatgggtgc ctgggaagtc 1320
cttgaaagtg gactgttctc aggccttgacc tgccccaccc catccccgct gttgaggctg 1380
tgggggcagc agatcaggag cccactgata aggggcccta gggtagagg tgctgccag 1440
caggtcgcca ccgagtgct tctcatttta tttcagctcc attttgcca tagatgggca 1500
gaggggtgag attggctcat ccccttcca gattctgcaa taaagcgggt tgaggaaaaa 1560
aaaaa 1565

```

```

<210> 7135
<211> 2219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (421)...(1374)
<223> similar to gi4680675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7135
gagacggagt ttccctcttg ttgccaggc tggaaatggc gcgatctcgg ctcacagcaa 60
cctctgcctc ccgattttaa gcgattctcc tgcttcagcc tcccagtag ctgggattac 120
aggcatgcac caccatgcct ggctaatttt gtatttctag tagagatggg gtttctccat 180
gttggtcagg ctggtcttga actcccgacc tcagggtgat cactgcctt ggctcccaa 240
agtgtcggga ttacaggcgt gacgactgca cctgcagccg cctagtctct ttctccttct 300
ctttgatgat tcagggcctc ggcttccctc acgatattgc agaaagacac agctttcctc 360

```

```

ttcctctcca aaccacctcg aagcaggggc ataattggaa tatcatttgg agaaagtgtc 420
atggaagtgc tgcgtccaca gcttataaga attgatggcc ggaattacag gaagaatcca 480
gtccaagaac agacctatca acatgaagaa gatgaagagg acttctatca aggctccatg 540
gagtgtgctg atgagccctg tgatgcctac gaggtggagc agaccccaca aggattccgg 600
tctactttga gggcccccag cttgctctat aagcatatag ttggaaagag aggggacact 660
aggaagaaaa tagaaatgga gacaaaaact tctattagca ttcctaaacc tggacaagac 720
ggggaaattg taatcactgg ccagcatcga aatgggtgtaa tttcagcccg aacacggatt 780
gatgttcttt tggacacttt tcgaagaaaag cagcccttca ctacttcct tgcctttttc 840
ctcaatgaag ttgaggttca ggaaggattc ctgagattcc aggaggaagt actggcgaag 900
tgctccatgg atcatggggt tgacagcagc attttccaga atcctaaaaa gcttcatcta 960
actattggga tggttggtgct tttgagtga agagagatcc agcagacatg tgagatgcta 1020
cagcagtgtg aagaggaatt cattaagcta caagaattag ttgatcgagt gctggaacgt 1080
tttcaggcat ctggactaat agtgaaagag tggaaatagt tgaaactgca tgctacagtt 1140
atgaatacac tattcaggaa agaccccaat gctgaaggca ggtacaatct ctacacagcg 1200
gaaggcaaat atatcttcaa ggaaagagaa tcatttgatg gccgaaatat tttaaagttg 1260
tttgagaact tctactttgg ctccctaaag ctgaattcaa ttcacatctc tcagaggttc 1320
accgtagaca gctttggaac ctacgcttcc tgtggacaaa ttgacttctc ctgaggtgga 1380
tcttggaag cactagaaac taaacatctt caccaggtgc tgaagaaaag tgtcttcggt 1440
ttaattgcca agcaggggatg tggacatttg gatggtgact ttcctgggtg gttccccata 1500
gattcaccat tgcctctaag ggtgtctaca cccgtcatac taccagctga gatggtggtg 1560
ggcataagga gaatttgtgc ctataaccct tagtgtgttc tggttttttt tcttttaatt 1620
tttaaattgt cgtaaaatac tcataaaaca tactgtcttc accattttta agtgcacagt 1680
tcagtaacgt taactgttaa tacattcata atgctgtgtg gccgtcaccg gccgtccaat 1740
ctccccatag gcttctccag cctgtaaaaa tgggaaaact gtacccccat taaaacagta 1800
aatccccaac tccctcccc cagccccccg agccacacca tctgccttt cctgtcctcc 1860
tctggttttg actattctca gtatctcata taagtggaaat catacagtga cttgtctttt 1920
tgtgactggc ttatttcaact tagcataatg tcctcaaggt tcatccatgt tgtgtcaggt 1980
gacaggattt ccttctctga ttatacatat aatggaatgt tccgttacat gtgcgtacca 2040
cactctgttc ctccatcagt gaacacttgg cttgtcttct cttgactatt gggagtagtg 2100
ctaatacaga cacgggggtg caaatatctc tttgagactc tgcctttaat tcctttacca 2160
cccagagttt tatcttttagc aaaataacca ttaaagttgt ttgcctttta aaaaaaaaaa 2219

```

<210> 7136

<211> 5359

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (179)...(5028)

<223> similar to gil632819 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7136

```

cccacgcgtc cgcttctgca caggggtatcg cctctctccg tttggtacat cccctcctcc 60
cccacgccc gactgggggtg gtagacgccg cctccgctca tgcgccctcc ccatcggttt 120
ccgcgcgaaa agcgggggag cctgcgctgc cgccgcgcgc tctgctgaag cctccgagat 180
gccggcgcg accgcccag cccgggtgcc cacactggcc gtcccggcca tctcgctgcc 240
cgacgatgtc cgcaggcggc tcaaagattt ggaaagagac agcttaacag aaaaggaatg 300
tgtgaaggag aaattgaatc tcttgacaga atttctgcaa acagaaataa agaatcagtt 360

```

atgtgacttg	gaaaccaa	tacgtaaaga	agaattatcc	gaggagggct	acctggctaa	420
agtcaa	cttttaata	aagatttgtc	cttggagaac	ggtgctcatg	cttacaaccg	480
ggaagtgaat	ggacgtctag	aaaacgggaa	ccaagcaaga	agtgaagccc	gtagagtggg	540
aatggcagat	gccaacagcc	cccccaaacc	cctttccaaa	cctcgcacgc	ccaggaggag	600
caagtccgat	ggagaggcta	agcctgaacc	ttcacctagc	cccaggatta	caaggaaaaa	660
caccaggcaa	accaccatca	catctcattt	tgcaaaagggc	cctgccaac	ggaaaccta	720
ggaagagtct	gaaaagacca	aatcggatga	gtccatcaag	gaagaagaca	aagaccagga	780
tgagaagaga	cgtagagtta	catccagaga	acgagttgct	agaccgcttc	ctgcagaaga	840
acctgaaaga	gcaaaatcag	gaacgcgcac	tgaaaaggaa	gaagaaagag	atgaaaaaga	900
agaaaagaga	ctccgaagtc	aaaccaaaga	accaacaccc	aaacagaaac	tgaaggagga	960
gccggacaga	gaagccaggg	caggcgtgca	ggctgacgag	gacgaagatg	gagacgagaa	1020
agatgagaag	aagcacagaa	gtcaacccaa	agatctagct	gccaaacgga	ggcccgaaga	1080
aaaagaacct	gaaaaagtaa	atccacagat	ttctgatgaa	aaagacgagg	atgaaaagga	1140
ggagaagaga	cgcaaaacga	cccccaaaga	accaacggag	aaaaaatgg	ctcgcgccaa	1200
aacagtcatg	aactccaaga	cccacccctcc	caagtgcatt	cagtgcgggc	agtacctgga	1260
cgaccctgac	ctcaaatatg	ggcagcaccc	accagacgcg	gtggatgagc	cacagatgct	1320
gacaaatgag	aagctgtcca	tctttgatgc	caacgagtct	ggctttgaga	gttatgaggc	1380
gcttcccag	cacaaactga	cctgcttcag	tgtgtactgt	aagcacggtc	acctgtgtcc	1440
catcgacacc	ggcctcatcg	agaagaatat	cgaactcttc	ttttctgggt	cagcaaaaacc	1500
aatctatgat	gatgaccctg	ctcttgaagg	tgggtgtaat	ggcaaaaatc	ttggccccat	1560
aaatgaatgg	tggatcactg	gctttgatgg	aggtgaaaag	gccctcatcg	gcttcagcac	1620
ctcatttgcc	gaatacattc	tgatggatcc	cagtcccag	tatgcgcca	tatttgggct	1680
gatgcaggag	aagatctaca	tcagcaagat	tgtggtggag	ttcctgcaga	gcaattccga	1740
ctcgacctat	gaggacctga	tcaacaagat	cgagaccacg	gttcctcctt	ctggcctcaa	1800
cttgaaccgc	ttcacagagg	actccctcct	gcgacacgcg	cagtttgtgg	tggagcagggt	1860
ggagagttat	gacgaggccg	gggacagtga	tgagcagccc	atcttcctga	cgccctgcat	1920
gcgggacctg	atcaagctgg	ctggggtcac	gctgggacag	aggcgagccc	aggcgaggcg	1980
gcagaccatc	aggcattcta	ccaggggagaa	ggacagggga	cccacgaaaag	ccaccaccac	2040
caagctggtc	taccagatct	tcgatacttt	cttcgcagag	caaattgaaa	aggatgacag	2100
agaagacaag	gagaacgcct	ttaagcgccg	gcgatgtggc	gtctgtgagg	tgtgtcagca	2160
gcctgagtgt	gggaaatgta	aagcctgcaa	ggacatggtt	aaatttgggt	gcagtggacg	2220
gagcaagcag	gcttgccaag	agcggagggtg	tcccaatatg	gccatgaagg	aggcagatga	2280
cgatgaggaa	gtcgatgata	acatcccaga	gatgccgtca	ccccaaaaaa	tgcaccaggg	2340
gaagaagaag	aaacagaaca	agaatcgcat	ctcttgggtc	ggagaagccg	tcaagactga	2400
tgggaagaag	agttactata	agaaggtgtg	cattgatgcg	gaaaccctgg	aagtggggga	2460
ctgtgtctct	gttattccag	atgattcctc	aaaaccgctg	tatctagcaa	gggtcacggc	2520
gctgtgggag	gacagcagca	acgggcagat	gtttcacgcc	cactggttct	gcgctgggac	2580
agacacagtc	ctcggggcca	cgtcggaccc	tctggagctg	ttcttgggtg	atgaatgtga	2640
ggacatgcag	ctttcatata	tccacagcaa	agtgaagtc	atctacaaag	ccccctccga	2700
aaactgggcc	atggaggggag	gcatggatcc	cgagtccctg	ctggaggggg	acgacgggaa	2760
gacctacttc	taccagctgt	ggtatgatca	agactacgcg	agattcgagt	cccctccaaa	2820
aaccagcca	acagaggaca	acaagttcaa	attctgtgtg	agctgtgccc	gtctggctga	2880
gatgaggcaa	aaagaaatcc	ccagggtcct	ggagcagctc	gaggacctgg	atagccgggt	2940
cctctactac	tcagccacca	agaacggcat	cctgtaccga	gttggatgat	gtgtgtacct	3000
gccccctgag	gccttcacgt	tcaacatcaa	gctgtccagt	cccgtgaaac	gcccacggaa	3060
aggagccgtg	gatgaggacc	tgtaccaga	gcactaccgg	aaatactccg	actacatcaa	3120
aggcagcaac	ctggatgcc	ctgagcccta	ccgaattggc	cggatcaaag	agatcttctg	3180
tcccaagaag	agcaacggca	ggcccaatga	tactgacatc	aaaatccggg	tcaacaagtt	3240
ctacaggcct	gagaacaccc	acaagtccac	tccagcgagc	taccacgcag	acatcaacct	3300
gctctactgg	agcgacgagg	aggccgtgg	ggacttcaag	gctgtgcagg	gccgctgcac	3360
cgtggagtat	ggggaggacc	tgcccagagt	cgtccagggtg	tactccatgg	gcggcccaa	3420
ccgcttctac	ttcctcgagg	cctataatgc	aaagagcaaa	agctttgaag	atcctcccaa	3480
ccatgcccgt	agccctggaa	acaaagggaa	gggcaaggga	aaagggaagg	gcaagcccaa	3540
gtcccaagcc	tgtgagccga	gcgagccaga	gatagagatc	aagctgcca	agctgcggac	3600
cctggatgtg	ttttctggct	gcgggggggt	gtcggaggga	ttccaccaag	caggcatctc	3660
tgacacgctg	tgggccatcg	agatgtggga	ccctgcggcc	caggcgttcc	ggctgaacaa	3720
ccccggctcc	acagtgttca	cagaggactg	caacatcctg	ctgaagctgg	tcatggctgg	3780

```

ggagaccacc aactcccgcg gccagcggct gcccagaag ggagacgtgg agatgctgtg 3840
cggcggggccg ccttgccagg gcttcagcgg catgaaccgc ttcaattcgc gcacctactc 3900
caagttcaaa aactctctgg tggtttcctt cctcagctac tgcgactact accggccccg 3960
gttcttcctc ctggagaatg tcaggaaactt tgtctccttc aagcgctcca tggctctgaa 4020
gctcaccctc cgctgcctgg tccgcatggg ctatcagtgc accttcggcg tgcctgcaggc 4080
cggtcagtac ggcgtggccc agactaggag gcggggccatc atcctggccg cggccccctgg 4140
agagaagctc cctctgttcc cggagccact gcacgtgttt gctccccggg cctgccagct 4200
gagcgtgggtg gtggatgaca agaagtttgt gagcaacata accaggttga gctcgggtcc 4260
tttccggacc atcacggtgc gagacacgat gtccgacctg ccggagggtgc ggaatggagc 4320
ctcggcactg gagatctcct acaacgggga gcctcagtcc tggttccaga ggcagctccg 4380
gggcgcacag taccagccca tcctcaggga ccacatctgt aaggacatga gtgcattggt 4440
ggctgccccg atgcggcaca tccccttggc ccaggggtca gactggcgcg atctgcccaa 4500
catcgagggtg cggtctctcag acggcaccat ggccagggaag ctgcggtata cccaccatga 4560
caggaagaac ggccgcagca gctctggggc cctccgtggg gtctgctcct gcgtggaagc 4620
cggcaaaaggc tgcgaccccg cagccaggca gttcaacacc ctcatccctt ggtgcctgcc 4680
ccacaccggg aaccggcaca accactgggc tggcctctat ggaaggctcg agtgggacgg 4740
cttcttcagc acaaccgtca ccaaccccg gcccattggc aagcagggcc gcgtgctcca 4800
cccagagcag caccgtgtgg tgagcgtgcg ggagtgtgcc cgctcccagg gcttccctga 4860
cacctaccgg ctcttcggca acatcctgga caagcaccgg cagggtgggca atgccgtgcc 4920
accgccccctg gccaaagcca ttggcttgga gatcaagctt tgtatgttgg ccaaagccccg 4980
agagagtgcc tcagctaaaa taaaggagga ggaagctgct aaggactagt tctgccctcc 5040
cgtcacccct gtttctggca ccaggaatcc ccaacatgca ctgatgttgt gtttttaaca 5100
tgtcaatctg tccgttcaca tgtgtgtgtac atggtgtttg tggccttggc tgacatgaag 5160
ctgttgtgtg aggttcgctt atcaactaat gatttagtga tcaaattgtg cagtactttg 5220
tgcatctctg attttaaaag ttttttatta tgcattatat caaatctacc actgtatgag 5280
tggaatttaa gactttatgt agtttttata tgttgtaata tttcttcaaa taaatctctc 5340
ctataaacca aaaaaaaaaa 5359

```

<210> 7137

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(651)

<223> similar to gi36128 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7137

```

aggatcctta ataaattaat cccccccccc ccgctttcct ttcgctgctg cggccgcagc 60
catgagtatg ctcaggcttc agaagaggct cgctctagt gtcctccgct gtggcaagaa 120
gaaggctctg ttagacccca atgagaccaa tgaaatcgcc aatgccaaact ccgctcagca 180
gatccggaag ctcatcaaag atgggctgat catccgcaag cctgtgacgg tccattccccg 240
ggctcgatgc cggaaaaaca ccttgccccg ccggaagggc aggacatgg gcataggtaa 300
gcggaagggt acagccaatg cccgaatgcc agagaagggt acatggatga ggagaatgag 360
gattttgcgc cggctgctca gaagataccg tgaatctaag aagatcgatc gccacatgta 420
tcacagcctg tacctgaagg tgaaggggaa tgtgttcaaa aacaagcgga ttctcatgga 480
acacatccac aagctgaagg cagacaaggc ccgcaagaag ctctggctg accaggctga 540
ggccccgagg tctaagacca aggaagcacg caagcgccgt gaagagcgcc tccaggccaa 600

```

gaaggaggag	atcatcaaga	ctttatccaa	ggaggaagag	accaagaaat	aaaacctccc	660
actttgtctg	tacatactgg	cctctgtgat	tacatagatc	agccattaaa	ataaaaacaag	720
ccttaaaaaa	aaaaaaaaag	ggcggccgtt	ttaaaggatc	cttggggggg	cccaagttta	780
cgcgggcatg	caaggtaata	gttttttcct	tatagggagt	ggtattataa	cctacctggg	840
gatt						844

<210> 7138

<211> 2315

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (458)...(1345)

<223> similar to gi4096748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7138

ggcgctactc	cggggcttca	cgggattgtg	gcggtcctct	ctcccaattc	ggaagctaca	60
gctacctccg	gacgctctca	agatggcgac	ctctctgggt	tccaacacct	acaacaggca	120
gaactgggag	gatgcggact	tccccattct	gtgccagaca	tgtcttggag	aaaacccata	180
tatccgaatg	accaaagaaa	agtatgggaa	ggaatgcaaa	atctgtgcca	ggccattcac	240
agtgtttcgc	tggtgccctg	gagtcgccat	gcgtttcaag	aagactgaag	tgtgcaaac	300
ctgcagtaaa	ttgaagaatg	tctgtcagac	ctgcctctta	gacctagagt	atggcctgcc	360
catccagggt	cgtgacgcag	gatttgtctt	taaagatgac	atgccaaagt	cagatgtcaa	420
caaagagtac	tatacacaga	atatggagag	agagatttct	aactctgatg	gaacacggcc	480
agttggcatg	ctggggaaag	ccacatctac	cagtgcacatg	ctgctcaaac	tggcccggac	540
cacaccctac	tacaaaagga	atcgacccca	catttgctcc	ttctgggtga	aaggagagtg	600
taagagagga	gaggaaatgtc	catacagaca	tgagaagcct	acagatccag	atgaccccct	660
tgctgatcag	aataattaaag	accgttatta	cggaatcaat	gatcctgtag	ctgacaagct	720
tctaaagcgg	gcttcaacaa	tgccctcggt	ggacccacca	gaggataaaa	ctatcaccac	780
actatatgtt	ggtgggtctag	gtgataccat	tactgagaca	gatttaagaa	atcatttcta	840
ccagttcgga	gagatccgga	cgatcactgt	tgtgcagaga	cagcagtgtg	ctttcatcca	900
gtttgccaca	cggcagggtg	cagaagtggc	tgctgagaag	tcctttaata	agttgattgt	960
aaatggccgc	agactgaatg	tgaaatgggg	aagatcccag	gcagccagag	gaaaagaaaa	1020
agagaaagat	ggaactacag	actctgggat	caaactagaa	cctgttccag	gattgccagg	1080
agctcttcct	cctcctcctg	cagcagaaga	agaagcctct	gccaaactact	tcaacttgcc	1140
cccaagtggg	cctccagctg	tggtgaacat	tgctctgcca	ccgccccctg	gcattgctcc	1200
acccccacc	ccagggtttg	ggccacacat	gttccaccca	atgggaccac	cccctccttt	1260
catgcgggct	ccaggaccaa	tccactatcc	ttctcaggac	cctcagagga	tgggagctca	1320
tgctggaaaa	cacagcagcc	cctagcacct	tgtcaccact	ctggggctct	gtggaagaaa	1380
gggcacttaa	aactcccagt	aaatcttgga	ataaatatat	ttttccttcc	cttgtagttt	1440
ccatggtagc	tgaatgtgct	cagatgtgag	cagtcagaga	ctgacagcca	tgctttccta	1500
tacttgttca	aaggatcgat	ggaccgtaaa	taagctgcca	ttaacacatc	tggttactgc	1560
tgtaacatga	ctaataaaaac	cgaacgcctg	ttccccctac	ccgtgtgggg	gacacgcaga	1620
tgagtgaatt	ggaatgtcca	gcagagttac	cctcccaatt	atatgttcat	tttgtatatt	1680
ttttggctcg	gggaaaaaatt	gacctgcagt	aaaaaaacct	ttgaccattt	ttatgtccat	1740
tggtactttt	cctttttatc	atcttaaaaa	aagataacta	gtactaatca	ttgtagtggg	1800
cctaagtgtg	atttaactct	tggaagtcac	accctccgaa	agatgagtag	aaaccagcac	1860
cagcacagcc	cagatcttct	ctttcctctc	cttttcctca	tttattccta	aaggaatctg	1920


```

accattttac gtctctacgg cccaaaaaaa gacaaaaata aaaattcctt tttattcctg 1980
tcaactggat ggaaacacaa atttcatgga gctgtgtacc atcgaagaaa cctggtgtct 2040
ggcatgaaat tactgtaaag aacttcctgt aaaacacggt ctttaacaaa ctgaaatgaa 2100
aagcattgga gcgtctgaat gaaagacgtg acctcctgct gggactctga tggctctcag 2160
cattcacctt cgtgtgtcct cagtgtctca ttgtcatccc tgcttctgtt tggctcttaga 2220
gtgtttggat ataactgaat tgtagatggg aaaggaaatt tgatgtgttt tttgttttta 2280
aataattaaa acggttcaat ttttcaaaaa aaaaa 2315

```

<210> 7139

<211> 1646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (465)...(1397)

<223> similar to gi5225326 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7139

```

tttcgtggca ccccgggggg cggggcgtgg tatactgttt tctggggcgc gagctgcccc 60
aggtgagccg tggctcatgt ccggagcgcg gtcgggacac agcgccctcta ggagaaagcc 120
tggaaggcgc tccgggggta tccagagctc ttatcgggcc ggcagcatgt gcggggccca 180
aggtcttccg ggctctgcgt gggggtcgct gcggctggag accagggagg gggatggaaa 240
cggggttgga aagtaatccc acccgagcag taaatggaaa tgttttctaa catataaaaa 300
cctacagaag aagaaaataa ttttctggat caaattagaa gtctgtatta tattgatgtc 360
tccagattca aatatattag aaagcagccg tggagacaac catcttcatt ttgggagaaa 420
taactaaagc ccgcctcaag cattagaact acagacaaac cctgatgcga cctctccaga 480
ttgtcccaag tcgattgatt tcccagctat attgtggcct gaagcctcca gcgtccacac 540
gaaaccagat ttgcctgaaa atggctcggc caagttcaag tatggcagat tttcgaaagt 600
tttttgcaaa agcaaagcac atagtcacat tctcaggagc tgggtgttagt gcagaaagtg 660
gtgttccgac cttcagagga gctggagggt attggagaaa atggcaagcc caggacctgg 720
cgactccctt ggcccttgcc cacaacccgt cccgggtgtg ggagttctac cactaccggc 780
gggaggtcat ggggagcaag gagcccaacg ccgggcaccg cgccatagcc gagtgtgaga 840
cccggctggg caagcagggc cggcgagtcg tggctcatcac ccagaacatc gatgagctgc 900
accgcaaggc tggcaccaag aaccttcttg agatccatgg tagcttattt aaaactcgat 960
gtacctcttg tggagttgtg gctgagaatt acaagagtcc aatttgtcca gctttatcag 1020
gaaaagggtg tccagaacct ggaactcaag atgccagcat ccagttgag aaacttcccc 1080
ggtgtgaaga ggcaggctgc gggggccttg tgcgacctca cgtcgtgtgg tttggagaaa 1140
acctggatcc tgccattctg gaggaggttg acagagagct cgccactgt gatttatgtc 1200
tagtggtggg cacttcctct gtggtgtacc cagcagccat gtttgcccc caggtggctg 1260
ccaggggcgt gccagtggct gaatttaaca cggagaccac ccagctacg aacagattca 1320
ggtttcattt ccagggaccc tgtggaacga ctcttcctga agcccttgcc tgtcatgaaa 1380
atgaaactgt ttcttaagt tctgggggaa gaaagaaatt acagtatata taagaactag 1440
gccacacgca gaggagaaat ggtcttatgg gtggtgagct gagtactgaa caatctaaaa 1500
atagcctctg attccctcgc tggaaatcaa cctgttgata agtgatgggg gtttagaagt 1560
agcaaagagc acccacattc aaaagtcaca gaactggaaa ggtaattcat attatttggg 1620
ttgaactgaa acgtgaggta tctttg 1646

```

<210> 7140
 <211> 1264
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1020)...(518)
 <223> similar to gi4929721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7140
 gccaggaatg tgcccaaatt tggactaccc aatctcatgg ctctggggct ggggccatgg 60
 ctggcagtg aaatccctga tctgtttcag aagggcgtca tccaacacag ggagaaatgc 120
 aaccaatgaa gaatccagcc actgaggcag ggcagaggaa gcagctttta ttgatgggtt 180
 atctccagaa accagaaaga ctatatgtac tcactttcag ttacccccgt gcctccagaa 240
 tcgcatgttg ctccacctgg gggcggtat aaattacctc tagattgtcc aaagcccagt 300
 ctttcccttc cctgtgcagc cttagaaact aagtagcagt actgtttgggt gtgtgtttgt 360
 ttcttcccca gcaatgccta ctgcagctac ttagtaacaa ctagagggtgg aggggtgtccg 420
 gggaagcagt tagatgagtt aagtgtgat cacaggaaaa tagtatcgta gcctatcaaa 480
 ggtccctctg ccctgcctca gtggcttgat tcttcattgg ttgcatttct ctttgtgttg 540
 gatgacgcc ttctgaatca gatcagggat ttccactgcc agccatggac ccagccccag 600
 agccatgaga tgagctagtc caaatttggg cacattcctg gccacaaaag gtttgaaatg 660
 atccgtcagg catattttgc caccctgtga catctttgct gtctttccat ccagctcagg 720
 aactgcaatt tctggggcag tagtaggata tgtgatagga atgtcaaact cgatgtcaaa 780
 ctcatatttc aggaggtcat ggatatacca gcattttcca aaccaccgag ttccttcctt 840
 gttggactcc agtcggaacc aatcgttgtc agcattcctt ttgttctcca cataccgat 900
 aagggactga tattcctcct tcagtcgctg caccacaaac tcacgatctc ggggtccggc 960
 gttagtcttc agcaccgga tctcagacac aacacgtcgc gtggcttcac ccgccatctt 1020
 ggaccagggc gcaagagaaa cgcggaagtg gtgttgcttg tagcttacct caaggcgcg 1080
 tcatctttac tatgggaaga tgagacgttg ggttgctgta agacctctt tgaataagat 1140
 ctttgttttc ttgtcaccta gttacccgct tgtgagtga tcgagaagaa cagaatgtaa 1200
 acagattact ccgtcctata tatgacacct atcattaaaa tcaccgcata aggcaaaaaa 1260
 aaaa 1264

<210> 7141
 <211> 975
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (916)...(187)
 <223> similar to gi5138918 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

cagagggtccc	ccagtggggcc	gggctcacac	acaaatgatg	cttcagaccc	gaatgagagg	1080
accacattttt	gcttaatgta	aaggagccac	ttgaaaatgt	ctgctccttc	ggggtcctga	1140
gattgtggct	ccccctctgg	aggagggtggc	tccacgatgc	cttgattttc	actcatcatt	1200
tggacatgtg	actggctttt	cctacctctg	ccatgggtgta	gaaattgatt	gcacaggaat	1260
ctcaaaaatta	aacctgaatt	caatgcacaaa	aaaaaa			1296

<210> 7143
 <211> 1356
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (618)...(687)
 <223> similar to gi554015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7143						
tttttttttt	ttccaaatca	gataatagcc	cagcaaatag	tgataacaaa	taaaacctta	60
gctgttcatg	tcttgatttc	aataattaat	tcttaatcat	taagagacca	taataaatac	120
tcctttttcaa	gagaaaagca	aaaccattag	aattgttact	cagctccttc	aaactcaggt	180
ttgtagcata	catgagtcca	tccatcagtc	aaagaatggg	tccatctgga	gtcttaatgt	240
agaaagaaaa	atggagactt	gtaataatga	gctagttaga	aagtgttgt	tcattaaaat	300
agcactgaaa	attgaaacat	gaattaactg	ataatattcc	aatcatttgc	catttatgac	360
aaaaatgggt	ggcactaaca	aagaacgagc	acttcctttc	agagtctctg	agataatgta	420
cgtggaacag	tctgggtgga	atggggctga	aaccatgtgc	aagtctgtgt	cttgtcagtc	480
caagaagtga	caccgagatg	ttaatttttag	ggaccogtgc	cttgtttcct	agcccacaag	540
aatgcaaaca	tcaaacagat	actcgctagc	ctcattttaa	ttgattaaag	gaggagtgc	600
tctttggccg	acagtgggtg	aactgtatgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgggt	660
gtatgtgtgt	tttgtgcata	actatttaag	gaaactggaa	ttttaaagtt	acttttatac	720
aaaccaagaa	tatatgctac	agatataaga	cagacatggg	ttggctctat	atttctagtc	780
atgatgaatg	tattttgtat	accatcttca	tataatatac	ttaaaaatat	ttcttaattg	840
ggattttgtaa	togtaccac	ttaattgata	aacttggcaa	ctgcttttat	gttctgtctc	900
cttcataaaa	tttttcaaaa	tactaattca	acaaagaaaa	agctcttttt	tttcctaaaa	960
taaactcaaa	tttatccttg	tttagagcag	agaaaaatta	agaaaaactt	tgaaatgggc	1020
tcaaaaaaatt	gctaaatatt	ttcaatggaa	aactaaatgt	tagtttagct	gattgtatgg	1080
ggttttcgaa	cctttcactt	tttgtttgtt	ttacctattt	cacaactgtg	taaattgcc	1140
ataattcctg	tccatgaaaa	tgcaaattat	ccagtgtaga	tatatttgac	catcgaccct	1200
atggatattg	gctagttttg	cctttattta	gcaaattcat	ttcagcatga	atgtctgcct	1260
atatattctc	tgctctttgt	attctccttt	gaaccogtta	aaacatcctg	tggcactctt	1320
atttattaat	cagttaaata	aatcatgaa	catata			1356

<210> 7144
 <211> 1764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (125)...(893)
 <223> similar to gi3878117 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7144

atccgcttcg	ccggaacaat	cctgtgagtt	tatgatatct	gctatacaga	tgaggataac	60
agaagttgac	taacttgccc	aagtcacaag	tttgtaaaga	tgatctggg	atttaaacc	120
agtgagtgat	ggattggaac	tgagaccgaa	atataatgga	attttacatt	gcttgactac	180
catttgga	cttgatggac	tacggggact	ttatcaagga	gtaaccccaa	atatatggg	240
tgcaggttta	tcctggggac	tctactttgt	tttttacaat	gccatcaagt	catataaaac	300
agaaggaaga	gctgaacgtt	tagaggcaac	agaatacctt	gtctcagctg	ctgaagctgg	360
agccatgacc	ctctgcatta	caaaccatt	atgggtaaca	aaaactcgcc	ttatgttaca	420
gtatgatgct	gttgtaact	ccccacaccg	acaatataaa	ggaatgtttg	atacacttgt	480
gaaaatatat	aagtatgaag	gtgtgcgtgg	attatataag	ggatttgttc	ctgggctggt	540
tggaacatcg	catggtgccc	ttcagtttat	ggcatatgaa	ttgctgaagt	tgaagtacaa	600
ccagcatatc	aatagattac	cagaagccca	gttgagcaca	gtagaatata	tatctgttgc	660
agcactatcc	aaaatatattg	ctgtcgcagc	aacataccca	tatcaagtcg	taagagctcg	720
tcttcaggat	caacacatgt	tttacagtgg	tgtaatagat	gtaatcaca	agacatggag	780
gaaagaaggc	gtcgggtggat	tttacaaggg	aattgctcct	aatttgatta	gagtgactcc	840
agcctgctgt	attacctttg	tggtatatga	aaacgtctca	cattttttac	ttgaccttag	900
agaaaagaga	aagtaagctc	aaagaggaca	attccagtat	atctgcccaa	ggcagcaaca	960
agctcttttg	tgtttaaggc	ataaaagaag	aattctgcat	agaaacatgg	ctcatattcg	1020
aaattgctct	atagtcatta	gaagccagag	aactgctaag	tctcctgcaa	tgtttttctg	1080
ctttttgcct	ccccatata	tatggaactt	ggctacctct	gcctgaaatg	gctgccatca	1140
acacaatggt	aaaactgaca	cgaaggatag	agtttcacag	atttctacgt	tttattgggt	1200
gaagctgatt	tgcaacattt	gctaaatgga	ttagatgaat	gtacttcttt	ttgtgagctt	1260
acttgctgg	attgctttta	aattaacctt	tgtgcaatac	caagaaaata	gctcttttaa	1320
agaatgtctt	tgtatgtctc	aaggtaaatt	aaggatttac	tgaataagg	gttgaccaa	1380
tccagaccat	tttattttat	ttttttat	atatttttt	tgagatggag	tcttgctttg	1440
tcgcccaggc	tggagtgcag	tggcgtgatc	tcagctcact	gcaacctcca	cctcccgggt	1500
tcacgccatt	ctcctgcctc	agcctcctga	gtagctggga	ctacaggcac	ctgccaccac	1560
gcctggctaa	ctttttttta	tattttgagt	agaaatgggg	tttcaccatg	ttagccagga	1620
tgggctcaat	ctcctgacct	tgtgatccgc	ctgccttggc	ctcccaaagt	gctgggatta	1680
caggcgtgag	ccactgcgcc	tggccagacc	attttagaat	tgggaaattg	tagtgagaaa	1740
aaatgcactg	taaatatgct	ttat				1764

<210> 7145
 <211> 2334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (251)...(1268)
 <223> similar to gi3191974 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7145
tttcgttgcc gggccagccc gaacagcagc tgggtcggca agcgacagga gcacgggtca 60
tcttttcccc agaggcgctcg gaatggacct gtgccaccca gagcccgcgg agctgagcag 120
cggggagacg gaagagttac agaggatcaa gtggcaccga aagcagctcc tggaggacat 180
ccagaagctg aaggatgaga ttgcagatgt gtttgcccaa atcgactgct tcgagagtgc 240
ggaggagagc cggatggccc agaaggagaa ggagctgtgt attgggcgca agaagttcaa 300
catggacccc gccaaaggta tccagtattt cattgagcac aagctgctga cccctgacgt 360
ccaggacatt gcacggttcc tgtataaagg cgagggcctc aacaagacag ccattggtac 420
ctacctgggg gagagggatc ccatcaacct gcaggtcctc caggccttcg tggactgcca 480
cgagttcgcc aacctcaacc tcgtccaggc ctcaggcag ttctgtgga gcttcgggct 540
gccgggagag gcccagaaga tagaccggat gatggaggcc tttgccactc gatactgcct 600
ctgcaaccca ggcgtcttcc agtccacaga cacctgctac gtgttgctct tctccatcat 660
catgctcaac accagcctcc acaatcccaa cgtccgggac aggccgcctt tcgagcgctt 720
tgtgtccatg aaccgcggca tcaacaatgg tagcgacctg cccgaggacc agctgcgga 780
cctcttcgac agcatcaaga gtgagccatt ctccatccct gaggacgacg gcaatgacct 840
cactcacacc ttcttcaatc cagaccggga gggttggctg ctcaagctag ggggccgcgt 900
gaagacgtgg aaacggcgct ggttcactct gaccgacaac tgcctctact acttcgagtt 960
caccactgac aaggagccac ggggaattat acctcttgag aacctctcgg tgcagaaggt 1020
ggatgacccc aagaagccat tctgcctgga gctctacaac cctagctgcc gaggccagaa 1080
aatcaaggcc tgcaagaccg atggcgacgg cagggtggtg gagggcaagc acgaatcgta 1140
ccgcatctca gccaccagtg ccgaggaacg tgaccagtgg atcgagtcca tccgagccag 1200
catcaccctg gtcccttctt acgacctggt ctctactcgg aagaagaaga ttgccagcaa 1260
gcagtgaatg tcctggagggt ggcaactggg gctggtcacc ctgagagtcc catcgccctgc 1320
agcacctgga gacccacctc ccaccccagt gcactctttt gggccacaga catcattgct 1380
gttccccgtt acctcgagct gactctagag ggggaaggcag agctcaggag ggtgggtggg 1440
agctgcagtg ggctcagagt ccagcaatga ggccccctgg cctgggcacc cagctgcagg 1500
cccctgccct acgtgcacta caggaagggg tgaggagagc agccagagga aaaccagccc 1560
cagaatgctg caacttctct tctctctgga ctctcggtgc ctcggtctg aaggcgctct 1620
ctgcacttag atgctgtcag ccctcaacgt aggaaggggc gtgggggtccc taagtattc 1680
ttctccctgg caaggtcttt ccttttcagg atatctctgc caaccttcc cctgtcctcg 1740
ggttgggctt ggccctctct gctgagaga gctcagcaca cacacagctc agacccacgg 1800
acaggacccc gggacagaac cccgggagca ctgccctagg agcctggacc ccacgagctc 1860
agtcccagct ctgcctctga ctgcgtgtgt accctctgcc aagtcatgcc cattctctag 1920
ttcttgcaaa actgcagtgt tttggactag aaaacgtatt tggccccctgc tagccctgtg 1980
ctccagcttg gagggggaga tggcagccgt tatttgcggc gccaggctga ctccggattc 2040
aacgttgctg gggagagaaa agcagtatag actccacctt ccaggatgtc catttcgggg 2100
agaggagcag gtgggaccct caagaaaatg acggagaaca tcccagacag atgggactca 2160
agcaggatgg gtgctatatc caagaagcca agaagggaga gtttcgtgca ctgtggttaa 2220
caggagggcc gcctggaggc agtggtctgag ccagaaagta acacagagct catgcttgga 2280
gagatagagt cttggccatg gctttcctgc aagaccactg acgagcagtc ccat 2334

```

<210> 7146

<211> 2309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(1679)

<223> similar to gil228085 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7146

ctggaccgat ccgcaattcc aggatcgacg atttcgtggg tggagaccca cgagccgagg 60
cctcctgcag tgttctgcac agcaaaccgc acgctatggc tgacagccgg gatcccgcca 120
gcgaccagat gcagcactgg aaggagcagc gggccgcgca gaaagctgat gtcctgacca 180
ctggagctgg taaccacagta ggagacaaac ttaatgttat tacagtaggg ccccggtggc 240
cccttcttgt tcaggatgtg gttttcactg atgaaatggc tcattttgac cgagagagaa 300
ttcctgagag agttgtgcat gctaaaggag caggggcctt tggctacttt gaggtcacac 360
atgacattac caaatactcc aaggcaaagg tatttgagca tattggaaag aagactccca 420
tcgcagttcg gtttctccact gttgctggag aatcggttc agctgacaca gttcgggacc 480
ctcgtgggtt tgcagtgaat ttttacacag aagatggtaa ctgggatctc gttggaaata 540
acacccccat tttcttcac agggatccca tattgtttcc atcttttatc cacagccaaa 600
agagaaatcc tcagacacat ctgaaggatc cggacatggc ctgggacttc tggagcctac 660
gtcctgagtc tctgcatcag gtttctttct tgttcagtga tcgggggatt ccagatggac 720
atcgccacat gaattggatat ggatcacata ctttcaagct ggttaatgca aatggggagg 780
cagtttattg caaattccat tataagactg accagggcac caaaaacctt tctgttgaag 840
atgcggcgag actttcccag gaagatcctg actatggcat ccgggatctt tttaacgcca 900
ttgccacagg aaagtacccc tcctggactt tttacatcca ggtcatgaca tttaatcagg 960
cagaaacttt tccattttaat ccattcgatc tcaccaaggt ttggcctcac aaggactacc 1020
ctctcatccc agttggtaaa ctggtcttaa accggaatcc agttaattac tttgctgagg 1080
ttgaacagat agccttcgac ccaagcaaca tgccacctgg cattgaggcc agtcctgaca 1140
aaatgcttca gggccgcctt tttgcctatc ctgacactca ccgccatcgc ctgggaccca 1200
attatcttca tatacctgtg aactgtccct accgtgctcg agtggccaac taccagcgtg 1260
acggcccgat gtgcatgcag gacaatcagg gtggtgctcc aaattactac cccaacagct 1320
ttggtgctcc ggaacaacag ccttctgcct tggagcacag catccaatat tctggagaag 1380
tgcgagagatt caacactgcc aatgatgata acgttactca ggtgcgggca ttctatgtga 1440
acgtgctgaa tgaggaacag aggaaacgtc tgtgtgagaa cattgccggc cacctgaagg 1500
atgcacaaat tttcatccag aagaaagcgg tcaagaactt cactgaggtc caccctgact 1560
acgggagcca catccaggct cttctggaca agtacaatgc tgagaagcct aagaatgcga 1620
ttcacacctt tgtgcagtcc ggatctcact tggcggcaag ggagaaggca aatctgtgag 1680
gccggggccc tgcacctgtg cagcgaagct tagcgttcat ccgtgtaacc cgctcatcac 1740
tggatgaaga ttctcctgtg ctagatgtgc aaatgcaagc tagtggcttc aaaatagaga 1800
atcccacttt ctatagcaga ttgtgtaaca attttaatgc tatttcccca ggggaaaatg 1860
aaggtttaga tttaacagtc atttaaaaaa aaaatttggt ttgacggatg attggattat 1920
tcatttataa tgattagaag gcaagtttct agctagaaat atgattttat ttgacaaaat 1980
ttgttgaaat tatgtatgtt tacatatcac ctcatggcct attatattaa aatatggcta 2040
taaataatata aaaagaaaag ataaagatga tctactcaga aattttttatt tttctaaggt 2100
tctcatagga aaagtacatt taatacagca gtgtcatcag aagataactt gagcaccgtc 2160
atggcttaat gtttatttct gataataatt gatcaaattc atttttttca ctggagttac 2220
attaatgtta attcagcact gatttcacaa cagatcaatt tgtaattgct tacattttta 2280
caataaataa tctgtacgta aaaaaaaaaa 2309

<210> 7147

<211> 2694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(1048)
 <223> similar to gi431857 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7147

ccctaggaca	ccttttctaaa	aagactccct	gtggtgttca	gaatcactcc	tacagtcagg	60
ttctccacaa	tggatctcag	tgctgcaagt	caccgcatac	ctctaagtga	tggaaacagc	120
attcccatca	tgggacttgg	tacctactca	gaacctaaat	cgacccttaa	gggagcctgt	180
gcaacatcgg	tgaaggttgc	tattgacaca	gggtaccgac	atattgatgg	ggcctacatc	240
taccaaaatg	aacacgaagt	tggggaggcc	atcagggaga	agatagcaga	aggaaagggtg	300
cggagggaag	atatcttcta	ctgtggaaag	ctatgggcta	caaatacatgt	cccagagatg	360
gtccgcccac	ccctggagag	gacactcagg	gtcctccagc	tagattatgt	ggatctttac	420
atcattgaag	taccatggc	ctttaagcca	ggagatgaaa	tataccctag	agatgagaat	480
ggcaaagtgt	tatatcaca	gtcaaactctg	tgtgccactt	gggaggcgat	ggaagcttgc	540
aaagacgctg	gcttggtgaa	atccctggga	gtgtccaatt	ttaaccgcag	gcagctggag	600
ctcatcctga	acaagccagg	actcaaacac	aagccagtca	gcaaccagggt	tgagtgccat	660
ccgtatttca	cccagccaaa	actcttgaaa	ttttgccaac	aacatgacat	tgtcattact	720
gcataatagcc	ctttggggac	cagtaggaat	ccaatctggg	tgaatgtttc	ttctccacct	780
ttgttaaagg	atgcacttct	aaactcattg	gggaaaagggt	acaataagac	agcagctcaa	840
attgttttgc	gtttcaacat	ccagcgagggt	gtggttgtca	ttcctaaaag	ctttaatctt	900
gaaaggatca	aagaaaat	tcagatcttt	gacttttctc	tcactgaaga	agaaatgaag	960
gacattgaag	ccttgaataa	aaatgtccgc	tttgtagaat	tgctcatgtg	gcgcgatcat	1020
cctgaatacc	catttcatga	tgaatactga	ctgccgggag	ttcctgaaca	gatttttcac	1080
tcccatgagt	gccaagacgg	tgcaatgggt	agtcccctag	atgtgaaaat	gaagagagag	1140
ggttttacca	tcctgagaag	aaataatgat	ggaaacatgt	ttaatgtttg	tgcagtgtaa	1200
atgactttga	ctcagtcaca	ttgaagtaaa	aatattaaaa	tctgttgaaa	taactcttag	1260
gaaattatca	actaattttt	tcagatcagt	atcttctaga	ttccagacag	aaaaaaatta	1320
cacttcagaa	aagacatcaa	aggcaacata	tgacaacaag	taatttatga	atctgggtag	1380
tagcgttggt	aatctgagtt	ctttaagggt	taacaggaca	acgaagtgca	tgtggcagtg	1440
tgctggcagt	ggccttgagg	ctttggacca	ttggttacaa	aacagacaca	gccaagataa	1500
gatccacaca	cacattatta	acaagggaagt	gatttgctgc	accttgagtt	gagagggtcta	1560
catgtagaaa	agtcttaaaa	tagagctaaa	caccacagtg	gtcaacaaag	ccatcataat	1620
gttgggtgtt	gtttccctcc	aatgtatgta	tgttttagttt	ttatccaacc	tgagggaatga	1680
aaacttaact	ggatctctct	tgcatcctta	aagggcctga	gtctcaacat	ggctgctgat	1740
ccatacttac	acatcttact	gtcaatcttg	cctacattga	ttatagaacc	actattacgt	1800
gaaaaggctt	gaaacaacca	acataataca	ataaaaccct	gccttgtaaa	atagtaaaag	1860
agaagccata	tattggcttt	tcttcttaac	ttgggagata	tattgaaaca	agggtgcttta	1920
taagattatt	gtacttaaga	ctttaatagt	gttacttgga	tagcttatat	gaattttgag	1980
aattttatat	gaattttgag	aaagcaagtt	caaaagaact	ctggtaattt	tcctgtatgt	2040
acaatttaaa	gagtgaataa	gattattaga	attcagcaat	agagatatat	ctattttcaa	2100
ttcaactaca	gaaatatatt	ttattggccg	ggtgcgggtg	ctcatgccta	taatcccagc	2160
actttgggag	gccaagggtg	gcagatcagg	aggtcaggag	atcgagacca	tcttggctaa	2220
caaggtgaaa	ccccgtctct	actaaaaata	caaaaaatta	gccaggcgcg	gtggcggggg	2280
cctgtaatcc	cagctactca	ggaggctgag	gcagaagaat	ggcatgaacc	cgggaggagg	2340
agcttgaggt	agcggagat	agcgccactg	cagtcgggcc	tgggtgaaag	agcgagactc	2400
cgtctcaaaa	acaaaaaaa	aaaagaaaag	aaatatattt	tattcattca	cattaggtca	2460
ctgtcatact	gtcataggct	gagagagttc	ttcaaaaatt	atgttttccc	aagatcagtt	2520
gcttatagat	aatgttcaat	gacctcaaga	catatatatt	tgagaaatta	tcattttaaa	2580
aaatttggtc	tatactgatt	gttttctactg	attccaatat	tattacttat	aacactgacc	2640
tctggaaaat	attttgttca	caagaaataa	taaagtataa	tgatttggtg	catc	2694

00483733 013100

<210> 7148
 <211> 599
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (71)...(538)
 <223> similar to gi31725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7148

ggcacgagg	aacgtctgag	gttatcaata	agctcctagt	ccagacgcca	tgggtcattt	60
cacagaggag	gacaaggcta	ctatcacaag	cctgtggggc	aaggtgaatg	tggaagatgc	120
tggaggagaa	accctgggaa	ggctcctggt	tgtctaccca	tggacccaga	ggttctttga	180
cagctttggc	aacctgtcct	ctgcctctgc	catcatgggc	aaccccaaag	tcaaggcaca	240
tggcaagaag	gtgctgactt	ccttggggaga	tgccataaag	cacctggatg	atctcaaggg	300
cacctttgcc	cagctgagtg	aactgcactg	tgacaagctg	catgtggatc	ctgagaactt	360
caagctcctg	ggaaatgtgc	tggtgaccgt	tttggcaatc	catttcggca	agaattcac	420
ccctgagggtg	caggcttcct	ggcagaagat	ggcagaagat	ggtgactgga	gtggccagtg	480
ccctgtcctc	cagataccac	tgagctcact	gcccattgatg	cagagctttc	aaggataggc	540
tttattctgc	aagcaatcaa	ataataaatc	tattctgcta	agagatcaca	aaaaaaaa	599

<210> 7149
 <211> 717
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (144)...(462)
 <223> similar to gi4886451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7149

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaaggggc	ttccgccacg	120
gccgtctctg	gagagcagca	gccatggccc	tacgctaccc	tatggccgtg	ggcctcaaca	180
agggccacaa	agtgaccaag	aacgtgagca	agcccaggca	cagccgacgc	cgcgggcgtc	240
tgaccaaaaca	caccaagtgc	gtgcggggaca	tgattcggga	ggtgtgtggc	tttgcccgt	300
acgagcggcg	cgccatggag	ttactgaagg	tctccaaggga	caaacggggc	ctcaaattta	360
tcaagaaaag	ggtggggacg	cacatccgcg	ccaagaggaa	gcgggaggag	ctgagcaacg	420
tactggccgc	catgaggaaa	gctgctgcc	agaaagactg	agcccctccc	ctgccctctc	480
cctgaaataa	agaacagctt	gacagaagcc	ctggctctcc	tgctgtccgt	gggtgggtgt	540
gggtgtgtcg	ggggcccgca	gtcccctgtc	tgggtgccgc	tttgagccac	accctctccg	600
ggtgctgcct	ggtcgtgaat	caaaagccgt	ggcccggcca	cccttcccgg	ggcagcaggt	660

gaggaagccg ccgtactgca aatgacttta atcattaaat agcttatatg ccccaaa 717

<210> 7150
<211> 2193
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(1417)
<223> similar to gil78279 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7150
gaagatatatt aaaggcgctcg gcgccacgcg catatccctg ctggcgctg cccgccagtc 60
tcctgttccc agactgaggg ccagccccct tcggccggtt ccatcacgag tgccgccagc 120
atgtctgaca aactgcccta caaagtcgcc gacatcggcc tggctgcctg gggacgcaag 180
gccctggaca ttgtgagaa cgagatgccg ggctgatgc gtatgcggga gcggtactcg 240
gcctccaagc cactgaagg cgcccgcatc gctggctgcc tgcacatgac cgtggagacg 300
gccgtcctca ttgagaccct cgtcaccctg ggtgctgagg tgcagtggc cagctgcaac 360
atcttctcca ccaggacca tgcggcggtt gccattgcca aggtggcat tccggtgtat 420
gcctggaagg gcgaaacgga cgaggagtag ctgtggtgca ttgagcagac cctgtacttc 480
aaggacgggc ccctcaacat gattctggac gacgggggcg acctcaccaa cctcatccac 540
accaagtacc cgcagcttct gccaggcatc cgaggcatct ctgaggagac cagcactggg 600
gtccacaacc tctacaagat gatggccaat gggatcctca aggtgcctgc catcaatgtc 660
aatgactccg tcaccaagag caagtttgac aacctctatg gctgccggga gtccctcata 720
gatggcatca agcgggccac agatgtgatg attgccggca aggtagcggg ggtagcaggc 780
tatggtgatg tgggcaagg ctgtgccag gccctgcggg gtttcggagc ccgcgtcatc 840
atcaccgaga ttgaccccat caacgcactg caggctgcca tggagggcta tgaggtgacc 900
accatggatg aggcctgtca ggagggcaac atctttgtca ccaccacagg ctgtattgac 960
atcatccttg gccggcactt tgagcagatg aaggatgatg ccattgtgtg taacattgga 1020
cactttgacg tggagatcga tgtcaagtgg ctcaacgaga acgccgtgga gaaggtgaac 1080
atcaagccgc aggtggaccg gtatcgggtt aagaatgggc gccgcatcat cctgctggcc 1140
gagggtcggc tggccaacct gggttgtgcc atgggccacc ccagcttcgt gatgagtaac 1200
tccttcacca accagggtgat ggccgagatc gagctgtgga cccatccaga caagtacccc 1260
gttgggggtt atttcctgcc caagaagctg gatgaggcag tggctgaagc ccacctgggc 1320
aagctgaatg tgaagttgac caagctaact gagaagcaag ccagtagcct gggcatgtcc 1380
tgtgatggcc ccttcaagcc ggatcactac cgctactgag agccaggctc gcgtttcacc 1440
ctccagctgc tgtccttgcc caggccccac ctctcctccc taagagctaa tggcaccaac 1500
tttgtgattg gtttgtcagt gtcccccatc gactctctgg ggctgatcac ttagtttttg 1560
gcctctgctg cagccgtcat actgttccaa atgtggcagc gggaacagag taccctcttc 1620
aagccccggt catgatggag gtcccagcca cagggaacca tgagctcagt ggtcttgaa 1680
cagctcacta agtcagtcct tccttagcct ggaagtcagt agtggagtca caaagcccat 1740
gtgttttgcc atctaggcct tcacctggtc tgtggactta tacctgtgtg cttggtttac 1800
aggtccagtg gttcttcagc ccatgacaga tgagaagggg ctatattgaa gggcaaagag 1860
gaactgttgt ttgaattttc ctgagagcct ggcttagtgc tgggccttct cttaaaccctc 1920
attacaatga ggttagtact ttagtccct gttttacagg ggttagaata gactgttaag 1980
gggcaactga gaaagaacag agaagtgaca gctaggggtt gagaggggccc agaaaaacat 2040
gaatgcaggc agatttcgtg aaatctgcc ccactttata accagatggt tcctttcaca 2100
accctgggtc aaaaagagaa taatttggcc tataatgtta aaagaaagca ggaaggtggg 2160

09482725.012100

taaataaaaa tcttggtgcc tggaaaaaaaa aaa

2193

<210> 7151
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (194)...(136)
<223> similar to gil072242 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7151
tgtgattctt atggcatctg ccttctcaag cccttagtca ttaattattht actctcatat 60
ctctcaatgc atgcagttta gtgcctagca ctaagtgatg gtttgtgtgc atggttggcc 120
cagcagaaat atgtttgtcc atccatccat ccacccatcc atccatccat ccacccatcc 180
atccctccct ccctccctcc aaatcattca tcaaataagg gaaccttccc caaagggtccc 240
agctgttctc tctcccttcc ttataggcta taactgggta acatgcctag cccagatcat 300
tcactcccag gcacagcaaa caattagctt agactagcca ggattgggt 349

<210> 7152
<211> 682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(539)
<223> similar to gi455997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7152
ccactgaagc gctcagatgg ctgtaacgac ggccgaccca cgcgtccgcc cagcgtggg 60
cacaactgtg ttactagtag acctcaaaca gacacatgg tgcacctgac tctgaggag 120
aagtctgccg ttactgccct gtggggcaag gtgaacgtgg atgaagttgg tggtagggcc 180
ctgggcaggc tgctggtggt ctacccttgg acccagaggt tctttgagtc ctttggggat 240
ctgtccactc ctgatgctgt tatgggcaac cctaagggtga aggtcatgg caagaaagtg 300
ctcggtgcc ttagtgatgg cctggctcac ctggacaacc tcaagggcac ctttgccaca 360
ctgagtgagc tgcactgtga caagctgcac gtggatcctg agaacttcag gctcctgggc 420
aacgtgctgg tctgtgtgct ggcccatcac tttggcaaag aattcacccc accagtgcag 480
gctgcctatc agaaagtggg ggctgggtgtg gctaattgcc tggcccaaa gtatcactaa 540
gctcgctttc ttgctgtcca atttctatta aaggttcctt tgttccctaa gtccaactac 600

taaactgggg gatattatga agggccttga gcatctggat tctgcctaataaaaaacatt 660
tatttttcatt gcaaaaaaaaa aa 682

<210> 7153
<211> 1393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (184)...(791)
<223> similar to gi953239 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7153
ctatTTTTga gaagctgaag caactccaag gacacagttc acagaaattt ggttctcagc 60
cccaaaatac tgattgaatt ggagacaatt acaaggactc tctggccaaa aacccttgaa 120
gaggccccgt gaaggaggca gtgaggagct tttgattgct gacctgtgtc gtaccacccc 180
agaatgtgca ctgggggctg tgccagatgc ctggggggga ccctcattcc ccttgctttt 240
tttggttcc tggttaacat cctgttattt tttcctggag gaaaagtgat agatgacaac 300
gaccaccttt cccaagagat ctggtttttc ggaggaatat taggaagcgg tgtcttgatg 360
atcttccctg cgctggtgtt cttgggcctg aagaacaatg actgctgtgg gtgctgcggc 420
aacgagggct gcgggaagcg atttgcgatg ttcacctcca cgatatttgc tgtggttgga 480
ttcttgggag ctggatactc gtttatcatc tcagccattt caatcaacaa gggtcctaaa 540
tgctcatgg ccaatagtac atggggctac cccttccacg acggggatta tctcaatgat 600
gaggccttat ggaacaagtg ccgagagcct ctcaatgtgg ttccctggaa tctgaccctc 660
ttctccatcc tgctggtcgt aggaggaatc cagatggttc tctgcgccat ccagggtggtc 720
aatggcctcc tggggaccct ctgtggggac tgccagtgtt gtggctgctg tgggggagat 780
ggacccgttt aaacctccga gatgagctgc tcagactcta cagcatgacg actacaattt 840
cttttcataa aacttcttct cttcttggaa ttattaattc ctatctgctt cctagctgat 900
aaagcttaga aaaggcaggt tattcccttc ctttcccaac ccagctttgc ctcgagttac 960
gaattttgtt attttcaaataaaaaatagt ttggccactt aacaaatttg atttataaat 1020
ctttcaaatt agttcctttt tagaatttac caacagggtc aaagcatact tttcatgatt 1080
tttttattac aaatgtaaaa tgtataaagt cacatgtact gccatactac ttctttgtat 1140
ataaagatgt ttatatcttt ggaagtttta cataaatcaa aggaagaaaag cacattttaa 1200
atgagaaact aagaccaatt tctgttttta agaggaaaaa gaatgattga tgtatcctaa 1260
gtattgttat ttgttgtctt tttttgctgc cttgcttgag ttgcttgtga ctgatctttt 1320
gaggctgtca tcatggctag ggttctttta tgtatgttaa attaaaacct gaattcagag 1380
gtaacgtaaa aaa 1393

<210> 7154
<211> 2094
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(2095)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (462)...(1290)
<223> similar to gi4456148 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7154

```

ggcacgagcc ggggatggct gtgtgttgct agagcacagg ctgattaagc gctcactgtg      60
ctggctctct gtgccactcc tggaaaataa tgaattgggt aaggaacagt taataagaaa      120
atgtgccttg ctaactgtgc acattacaac aaagagctgg cagctcctga aggaaaaggg      180
cttgtgccgc tgccgttcaa acttgtcagt caactcatgc cagcagcctc agcgtctgcc      240
tccccagcac accctcatta catgtgtctg tctggcctga tctgtgcatc tgctcggaga      300
cgctcctgac aagtcgggaa tttctctatt tctccactgg tgcaaagagc ggattttctcc      360
ctgcttctct tctgtcaccc ccgctcctct cccccaggag gctccttgat ttatggtagc      420
tttggacttg cttccccgtc tgactgtcct tgacttctag aatggaagaa gctgagctgg      480
tgaagggaag actccaggcc atcacagata aaagaaaaat acaggaagaa atctcacaga      540
agcgtctgaa aatagaggaa gacaaactaa agcaccagca tttgaagaaa aaggccttga      600
gggagaaaat gcttctagat ggaatcagca gcggaaaaga acaggaagag atgaagaagc      660
aaaatcaaca agaccagcac cagatccagg ttctagaaca aagtatcctc aggcttgaga      720
aagagatcca agatcttgaa aaagctgaac tgcaaatctc aacgaaggaa gaggccattt      780
taaagaaact aaagtcaatt gagcggacaa cagaagacat tataagatct gtgaaagtgg      840
aaagagaaga aagagcagaa gagtcaattg aggacatcta tgctaataatc cctgaccttc      900
caaagtccta cataccttct aggttaagga aggagataaa tgaaagaaaa gaagatgatg      960
aacaaaatag gaaagcttta tatgccatgg aaattaaagt tgaaaaagac ttgaagactg     1020
gagaaaagta agttctgtct tcaatacctc tgccatcaga tgactttaaa ggtacaggaa     1080
taaaagttta tgatgatggg caaaagtcag tgtatgcagt aagttctaata cacagtgcag     1140
catacaatgg caccgatggc ctggcaccag ttgaagtaga ggaacttcta agacaagcct     1200
cagagagaaa ctctaaatcc ccaacagagt atcatgagcc tgtatatgcc aatccctttt     1260
acaggcctac aaccccacag agagaaacgg tgacccctgg accaaaacttt caagaaagga     1320
taaagattaa aactaatgga ctgggtattg gtgtaaatga atccatacac aatatgggca     1380
atggctcttc agaggaaagg ggaaacaact tcaatcacat cagtcccatt ccgccagtgc     1440
ctcatccccg atcagtgatt caacaagcag aagagaagct tcacaccccg caaaaaaggc     1500
taatgactcc ttgggaagaa tcgaatgtca tgcaggacaa agatgcaccc tctccaaagc     1560
caaggctgag cccagagag acaatatttg ggaaatctga acaccagaat tcttcaccca     1620
cttgtcagga ggacgaggaa gatgtcagat ataatatcgt tcattccctg cctccagaca     1680
taaagataac agaaccggtg acaatgattt tcatggggta tcagcaggca gaagacagtg     1740
aagaagataa gaagtttctg acaggatatg atgggatcat ccatgctgag ctggttgtga     1800
ttgatgatga ggaggaggag gatgaaggag aagcagagaa accgtcctac cccccatag     1860
ctccccatag tcaggtgtac cagccagcca aaaccaacac acttcctaga aaaagatcag     1920
aagctagtcc tcatgaaaaa cacaaatcat aaatcccccc acaaaaattc catatctctg     1980
gaaagagcca agaagaaagc tttgggcagc cctggttcca ccattcccca tttgatgctc     2040
agacaacttg gagttgggga ctgagggatc catccttaac agcntttaag ggat          2094

```

```

<210> 7155
<211> 2525
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc feature

<222> (372)...(1865)

<223> similar to gil000890 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7155

ggaaaagacc	tgggcactcc	acgcagcctc	ccggctctcc	tgaggaaactg	atgggctttc	60
tctgtctctt	tcttgctgat	ctttctgcct	gacttcgttt	tcaaaagagc	cagggtggga	120
accctaactg	gactcttcgg	gacccccagg	aaggatctga	ggcctgagcc	atcctccttt	180
ctaccctgtc	tgccccccag	gactggggcag	ttgcaggagg	ccctgggggg	gggcccagga	240
ctgtggttgt	gccccccccc	caaaggccgg	acaggatggg	accaagttag	tctgtccagt	300
ctcaccacagc	acctcccagg	cccagagaga	acccccgggg	ctctgaaaagc	ttgccctgcc	360
gcctgaccgc	catggagacg	aagctgcccc	ctgcaagcac	ccccactagc	ccctcctccc	420
ccgggctgtc	gcctgtgccc	ccacccgaca	aggtggacgg	cttctcccgc	cgttccctcc	480
gcagagcccg	gccccgccgc	tcccacagct	cctctcagtt	ccgctatcag	agcaaccagc	540
aagagctcac	accgctgccc	ctgctcaaaag	atgtgccggc	ttccgagctg	cacgagctgc	600
tgagccggaa	gctggccccag	tgtgggggtga	tgtttgactt	cttggactgt	gtggccgacc	660
tcaaggggaa	ggaggtgaag	cgggcagccc	tcaacgagct	ggtggagtgt	gtggggagca	720
cccggggtgt	cctcatcgag	cccgtctacc	cagacatcat	ccgcatgac	tcagtgaata	780
tcttccggac	tctgccgccc	agtgagaacc	ctgaatttga	ccctgaagag	gatgagccca	840
atcttgagcc	ttcgtggcca	cacctgcagc	tggatatatga	gtttttcctg	cgtttcttgg	900
agagcccaga	cttccagccc	tccgtggcca	agagatatgt	ggatcaaaaag	tttgtcctga	960
tgctcctgga	gctatttgat	agtgaggatc	cccgggagcg	tgagtacctc	aagaccatcc	1020
tgcaccgggt	ctatggcaag	ttcctgggtc	tccgggccta	catccgcaaa	cagtgcacc	1080
acatcttcct	ccggttcctc	tatgaattcg	agcacttcaa	tgggtgtggct	gagctgctgg	1140
agatcctagg	aagcatcatc	aatggctttg	cgctgcccct	gaagacggag	cacaagcagt	1200
tcctggttcg	cgctcctgatc	ccctgcact	ctgtcaagtc	gctgtctgtc	ttccatgccc	1260
agctggcata	ctgtgtggtg	cagttcctgg	agaaggatgc	cactctgaca	gagcacgtga	1320
tccgggggct	gctcaaatac	tggccaaaaa	cctgcaccca	gaaggagggtg	atgtttctgg	1380
gggagatgga	agagattctt	gatgtcatcg	agccctccca	gtttgtgaag	atccaggagc	1440
ccctttttaa	gcagggtggct	cgctgtgttt	ccagccccca	tttccagggt	gcagagcggg	1500
ctctgtattt	ctggaacaat	gagtatatcc	taagcctcat	tgaggacaac	tgccacactg	1560
tgctgcctgc	tgtgtttggg	accctctacc	aagtctccaa	ggagcactgg	aaccaaacca	1620
tcgtatcact	gatctacaat	gtgctcaaga	ccttcatgga	gatgaatggg	aagctgtttg	1680
atgagctcac	agcctcctac	aagctggaaa	agcagcagga	gcagcagaag	gccaggagc	1740
gtcaggagtt	atggcaaggt	ctggaggagc	tgccggtacg	ccggctacag	gggacccagg	1800
gggccaagga	ggccccctc	cagcggtta	caccccaggt	ggccgccagt	gggggtcaga	1860
gctagacagc	acctcagaag	gggaaaagct	aaacccagag	ctgtcagtc	ctctatccct	1920
tctcctgtcc	aggggcccag	agagaaacac	acctacccct	ggccttgcca	gagtggcttc	1980
tgaggactcc	ctgcccagcc	cagctttcac	tggggggaga	cgaggagagg	caatggtggt	2040
cttggcaaca	gaatgctcag	cccctcgtgg	caggacttga	caagggcaag	cttgaccagg	2100
aagctgccat	cagggatctt	cccctgcccc	gcaaagctag	gctccagctg	gcaaggcggg	2160
gttcccaacc	ctctgtctca	tggccttggg	caagggcaac	tcagcgctc	gccctgcccc	2220
tgcttggcc	caatgcgagg	tccttccggt	atccccgacc	atgggggtccc	atgggtcctat	2280
ttattcctcg	cccagctcac	cctctacaca	gacactgtcc	ctgggtgcac	acttccctccc	2340
ttccctcgct	gtgtacttcc	ttgtcccctt	tatgataaaa	tgggcagggg	gagggggagg	2400
gcacaggcca	agaagagatt	gcacagtgtc	cctggggtaa	gggggggttc	acagtaatca	2460
tggctacttc	ctctttccgg	tggctggggg	tagacgttaa	taaagagaga	aattcaaaaa	2520
aaaaa						2525

<210> 7156
 <211> 2372
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (159)...(1127)
 <223> similar to gi5359673 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7156

ggcacgagat	ccggatgtct	cggttatgaa	gtggagcagt	gagtgtgagc	ctcaacatag	60
ttccagaact	ctccatccgg	actagttatt	gagcatctgc	ctctcatatc	accagtggcc	120
atctgaggtg	tttccttggc	tctgaagggg	taggcacgat	ggccaggtgc	ttcagcctgg	180
tgttgcttct	cacttccatc	tggaccacga	ggctcctggg	ccaaggctct	ttgcgtgcag	240
aagagctttc	catccagggtg	tcatgcagaa	ttatggggat	cacccttgtg	agcaaaaagg	300
cgaaccagca	gctgaatttc	acagaagcta	aggaggcctg	taggctgctg	ggactaagtt	360
tggccggcaa	ggaccaagtt	gaaacagcct	tgaaagctag	ctttgaaact	tgcagctatg	420
gctgggttgg	agatggattc	gtggtcatct	ctaggattag	cccaaaccct	aagtgtggga	480
aaaatggggt	gggtgtcctg	atltggaagg	ttccagttag	ccgacagttt	gcagcctatt	540
gttacaactc	atctgatact	tggactaact	cgtgcattcc	agaaattatc	accaccaaaag	600
atcccatatt	caacactcaa	actgcaacac	aaacaacaga	atltattgtc	agtgcagta	660
cctactcggg	ggcatccctt	tactctacaa	tacctgcccc	tactactact	cctcctgctc	720
cagcttccac	ttctattcca	cggagaaaaa	aattgatttg	tgtcacagaa	gtttttatgg	780
aaactagcac	catgtctaca	gaaactgaac	catttgttga	aaataaagca	gcattcaaga	840
atgaagctgc	tgggttttga	ggtgtcccca	cggctctgct	agtgccttgc	ctcctcttct	900
ttggtgctgc	agctggtctt	ggatltttgct	atgtcaaaaag	gtatgtgaag	gccttccctt	960
ttacaaacaa	gaatcagcag	aaggaaatga	tcgaaaccaa	agtagtaaaag	gaggagaagg	1020
ccaatgatag	caaccctaatt	gaggaatcaa	agaaaactga	taaaaaccca	gaagagtcca	1080
agagtccaag	caaaactacc	atgcgatgcc	tggaaagctga	agtttagatg	agacagaaat	1140
gaggagacac	acctgagggt	ggtttctttc	atgctcctta	ccctgccccca	gctgggggaaa	1200
tcaaaagggc	caaagaacca	aagaagaaaag	tccacccttg	gttcctaact	ggaatcagct	1260
caggactgcc	attggactat	ggagtgcacc	aaagagaatg	cccttctcct	tattgtaacc	1320
ctgtctggat	cctatcctcc	tacctccaaa	gcttcccacg	gcctttctag	cctggctatg	1380
tcctaataat	atcccaactgg	gagaaaggag	ttttgcaaag	tgcaaggacc	taaaacatct	1440
catcagtatc	cagtggtaaa	aaggcctcct	ggctgtctga	ggctaggtgg	gttgaaagcc	1500
aaggagtca	tgagaccaag	gctttctcta	ctgattccgc	agctcagacc	ctttcttcag	1560
ctctgaaaga	gaaacacgta	tcccacctga	catgtccttc	tgagcccggg	aagagcaaaa	1620
gaatggcaga	aaagttagc	ccctgaaagc	catggagatt	ctcataactt	gagacctaat	1680
ctctgtaaag	ctaaaataaa	gaaatagaac	aaggctgagg	atagcacagt	acactgtcag	1740
cagggtactgt	aaacacagac	aggggtcaaa	tggtttctct	gaacacattg	agttggaatc	1800
actgtttaga	acacacacac	ttactttttc	tgggtctctac	cactgctgat	atlttctcta	1860
ggaaatatac	ttttacaagt	aacaaaaata	aaaactctta	taaatttcta	tttttatctg	1920
agttacagaa	atgattacta	aggaagatta	ctcagtaatt	tgtttaaaaa	gtaataaaat	1980
tcaacaaaca	tttgctgaat	agctactata	tgtcaagtgc	tgtgcaagggt	attacactct	2040
gtaattgaat	attattcctc	aaaaaattgc	acatagtaga	acgctatctg	ggaagctatt	2100
tttttcagtt	ttgatatttc	tagcttatct	acttccaaac	taatttttat	ttttgctgag	2160
actaatctta	ttcattttct	ctaatatggc	aaccattata	accttaattt	attattaaca	2220
tacctaaaga	gtacattggt	acctctatat	accaaagcac	atltttaaag	tgccattaac	2280
aaatgtatca	ctagccctcc	tttttccaac	aagaagggtg	tgagagatgc	agaaatatlt	2340

gtgacaaaaa attaaagcat ttagaaaact tc

2372

<210> 7157

<211> 3597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(1438)

<223> similar to gil945611 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7157

caacttccgg	tgtgggtgac	gagtgggtggc	cgaagcaggg	ggacagcaag	ggacgctcag	60
gcggggacca	tggcggacgg	cggctcggag	cgggctgacg	ggcgcacgt	caagatggag	120
gtggactaca	gcgccacgg	ggatcagcgc	ctacccgagt	gtgcgaagct	agccaaggaa	180
ggaagacttc	aagaagtc	tgaaaccctt	ctctctctgg	aaaagcagac	tcgtactgct	240
tccgatatgg	tatcgacatc	ccgtatctta	gttgacagtag	tgaagatgtg	ctatgaggct	300
aaagaatggg	atttacttaa	tgaaaatatt	atgcttttgt	ccaaaaggcg	gagtcagtta	360
aaacaagctg	ttgccaaaat	ggttcaacag	tgctgtactt	atgttgagga	aatcacagac	420
cttcctatca	aacttcgatt	aattgatact	ctacgaatgg	ttaccgaagg	caagatttat	480
gttgaaattg	agcgtgcgcg	actgactaaa	acattagcaa	ctataaaaga	acaaaatggt	540
gatgtgaaaag	aggcagcctc	cattttacag	gagttacagg	tggaaccta	cgggtcaatg	600
gaaaagaaaag	agcgagtgg	atttattttg	gagcaaatga	ggctctgcct	agctgtgaag	660
gattacattc	gaacacaaat	catcagcaag	aaaattaaca	ccaaattttt	ccaggaagaa	720
aatacagaga	aattaaagtt	gaagtactat	aatttaatga	ttcagctgga	tcaacatgag	780
ggatcctatt	tgtctatttg	taagcactac	agagcaatat	atgatactcc	ctgtatacag	840
gcagaaagtg	aaaaatggca	gcaggctctg	aagagtgttg	tactctatgt	tatcctggct	900
ccttttgaca	atgaacagtc	agatttggtt	caccgaataa	gtggtgacaa	gaagttagaa	960
gaaattccca	aatacaagga	tcttttaaa	ctttttacca	caatggagtt	gatgcgttgg	1020
tccacacttg	ttgaggacta	tggaatggaa	ttaagaaaag	gttcccttga	gagtcctgca	1080
acggatgttt	ttggttctac	agaggaaggt	gaaaaaaggt	ggaaagactt	gaagaacaga	1140
gttggtgaac	ataatattag	aataatggcc	aagtattata	ctcggataac	aatgaaaagg	1200
atggcacagc	ttctggatct	atctgttgat	gagtcggaag	cctttctctc	aaatctagta	1260
gttaacaaga	ccatctttgc	taaagtagac	agattagcag	gaattatcaa	cttccagaga	1320
cccaaggatc	caaataattt	attaaatgac	tggctctcaga	aactgaactc	attaatgtct	1380
ctgggttaaca	aaactacgca	tctcatagcc	aaagaggaga	tgatacataa	tctacaataa	1440
gggtcttagt	gctttagaaa	aaagttaaaa	ttggaagtca	ttaaaaaaag	actgttataa	1500
tgggtgtatat	gttggggttt	tttttctaag	cttctttgtc	ttaaatttta	aaatagttaa	1560
tatgtttgag	actccctttg	acctttcagt	tcccaagtt	cattgttaac	tttgcatattg	1620
caattggggc	aaaaatacag	atctctgtcc	gtctgaatac	acaaaaagtt	gtgtcataac	1680
ttaccagat	atgtttttct	atcatttgaa	accttttttg	gttactgttt	gttttcattc	1740
aactaacaaa	caatattcca	ataataaaag	cagtatatac	atatttcctt	tctacagtta	1800
cctctgattc	tcaacatttt	gtggggtagt	gatttggaac	gtgtttttta	aataaaacaa	1860
atctcattgt	aaagttatca	gtcatttagt	agaatagaaa	agcaacatag	agcatacaag	1920
aacatttggg	gatagagttg	gtgatttggt	aagaatttgt	actttgatat	tgtggcggaa	1980
agtctagact	gagtggtgat	gctgggtaac	tgtagacttt	tttttttttt	tttgagtcg	2040
gctgggtcca	atcacagtag	cttgattgct	ttcagccctc	atcctctcac	ttgatcagtt	2100
gttcaacaga	atcagctgac	ataattgaca	cagttttattg	ggtgttaagt	ccgctctata	2160

001270 5728460


```

gggatagtga ctactttttt tttttttttt ttttttgctc ttcttttctc tcccctttct 2220
ttatatgggt ttaaatttaa cataaagttg tttttataag gcttatttgt ggctttaact 2280
tgtaagtctg attacatcat tattgttcca aattcattat ctctgtagga acttttagtt 2340
ccattatatg aacactggat aacctaatth tttttaatgc tttaaaaaaa tggcaaaaag 2400
acgtcaggcc accctcatag taagtgggtg agtattaaaa tattttcacg gaattaaaag 2460
tagcttgctg tcaaagaaac acctgagatg aattgggtgtg aacgaatttt gcaagtttaa 2520
tttgatttat ttcagagaaa atagaaaaaa caatgttaga aggttattta aaatgatact 2580
taaataaaga aagtgtgagg tctactttta aaaaattcaa atgaagagaa aaagaaaaac 2640
agcattctag aaatggcatt tctcctaatt aattttccac ttaatggaag attatcaatt 2700
gtcctathtt atgatcccag gactgaagac agttgtggga tatctgtcat atttatcctg 2760
tgagtcattg tgaataatga catacagtac tgaagtaatc tgattttatt ctttggaat 2820
tcaatgcatt ggtcacacta ataacatcaa catctgctat cacttatctt tttaaaacta 2880
acaaaaaag gccgggtgct gggattacag gcatgagcca ctgcacccaa ctctctttc 2940
gtctttcttt aacacacact aggcctcttg tgtattatga ttcagtgcta tttgtaactg 3000
tgtcccagtg accaaattgc actcgactcg atcagctgtt catccatttc gtgttttttc 3060
ctgtcaaaca ttaatccagc aaatatatga ggtatttacc aatttatttt cttagtatta 3120
caaaataatt cattagcata aagtacaata gtgaaatatt tgagttgttc ggaacctcaa 3180
ttaatcctgt tttacatttc agacctaaag ctggcaatca ggagaagaag cactttgttt 3240
taaagtgtga gaagataaca cttgattcca tttcattgtc attagtgtat taaccagcag 3300
gagaggtgat gagccatttt tcaaataaaa taccttttat tccatataa tttttttatt 3360
ttagagttca atagctgttt ctatgattat cctcaatttc catatgttac tgaatctgaa 3420
aaacatcttt aaaattcaaa cagttccatt ttctctcttg taagtgttaa atgtgataaa 3480
agtacatatt ttaaattggt ttcagctctt ggatatagca gcaataaaaa cactaatttg 3540
tgggtattta agaaaacctg gagaataaac tcatacttta aaagatcaaa aaaaaaa 3597

```

<210> 7158

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(806)

<223> similar to gi401845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7158

```

ctgtgacctg gacaatgaca agtacatcgc cctggatgag tgggcccggct gcttcggcat 60
caagcagaag gatatcgaca aggatcttgt gatctaaatc cactccttcc acagtaccgg 120
attctctctt taacctctcc ctctattttt agcaccgtta atgtattcac ttaaacttat 180
gttagcacct tgtctccagg cagaacaaca aaccatccaa acattttaaa cattggggga 240
aacacgaagg ggagggcgaa cgcggagagc acgcatgaa ggcctcgggc acgctacgag 300
agtacaagggt agtgggtcgc tgcctgcccc cccccaatg ccacacgccc cccctctacc 360
gcatgcgaat ctttgcgctt aatcatgtcg tcgccaagtc ccgcttctgg tactttgtat 420
ctcagttaaa gaagatgaag aagtcttcag gggagattgt ctactgtggg caggtgtttg 480
agaagtcccc cctgcgggtg aagaacttcg ggatctggct gcgctatgac tcccggagcg 540
gcaccacaaa catgtaccgg gaataccggg acctgaccac cgcaggcgct gtcaccagc 600
gctaccgaga catgggtgcc cggcaccgag cccgagccca ctccattcag atcatgaagg 660
tggaggagat cgcggccagc aagtgccgag ggccggctgt caagcagttc cagcactcca 720
agatcaagtt cccgctgccc caccgggtcc tgcgcccgtc gcacaagcca cgcttcacca 780

```

```
ccaagaggcc caacaccttc ttctaggtgc agggccctcg tccgggtgtg ccccaaataa 840
actcaggaac gccccggtga aaaaaaaaaa 869
```

```
<210> 7159
<211> 2211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (158)...(2117)
<223> similar to gi2865466 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7159
catggcgcgc gagctgcggg cgctgctgct gtggggccgc cgctgcggc ctttgctgcg 60
ggcgccggcg ctggcgggcg tgccgggagg aaaaccaatt ctgtgtcctc ggaggaccac 120
agcccagttg ggccccaggc gaaacccagc ctggagcttg caggcaggac gactgttcag 180
cacgcagacc gccgaggaca aggaggaacc cctgcactcg attatcagca gcacagagag 240
cgtgcagggt tccacttcca aacatgagtt ccaggccgag acaaagaagc ttttggacat 300
tgttgcccg tccctgtact cagaaaaaga ggtgtttata cgggagctga tctccaatgc 360
cagcgatgcc ttggaaaaac tgcgtcaca actggtgtct gacggccaag cactgccaga 420
aatggagatt cacttgcaga ccaatgccga gaaaggcacc atcaccatcc aggatactgg 480
tatcgggatg acacaggaag agctggtgtc caacctgggg acgattgcca gatcggggtc 540
aaaggccttc ctggatgctc tgcagaacca ggctgaggcc agcagcaaga tcatcgcca 600
gtttggagtg ggtttctact cagctttcat gtggctgac agagtggagg tctattccc 660
ctcggcagcc ccggggagcc tgggttacca gtggctttca gatggttctg gagtgtttga 720
aatcgccgaa gcttcgggag ttagaaccgg gacaaaaatc atcatccacc tgaaatccga 780
ctgcaaggag ttttccagcg aggcccggt gcgagatgtg gtaacgaagt acagcaactt 840
cgtcagcttc cccttgtact tgaatggaag gcgatgaac accttgcagg ccatctggat 900
gatggacccc aaggatgtcc gtgagtggca acatgaggag ttctaccgct acgtcgcgca 960
ggctcacgac aagccccgct acaccctgca ctataagacg gacgcaccgc tcaacatccg 1020
cagcatcttc tacgtgcccg acatgaaacc gtccatgttt gatgtgagcc gggagctggg 1080
ctccagcggt gcaactgtaca gccgcaaagt cctcatccag accaaggcca cggacatcct 1140
gccaagtgg ctgcgcttca tccgaggtgt ggtggacagt gaggacattc ccctgaacct 1200
cagccgggag ctgctgcagg agagcgcaact catcaggaaa ctccgggacg ttttacagca 1260
gaggtgatc aaattcttca ttgaccagag taaaaaagat gctgagaagt atgcaaagtt 1320
ttttgaagat tacggcctgt tcatgcggga gggcattgtg accgccaccg agcaggaggt 1380
caaggaggac atagcaaagc tgctgcgcta cgagtcctcg gcgctgccct ccgggcagct 1440
aaccagcctc tcagaatacg ccagccgcat gcgggccggc acccgcaaca tctactacct 1500
gtgcgcccc aaccgtcacc tggcagagca ctcaccctac tatgaggcca tgaagaagaa 1560
agacacagag gttctcttct gctttgagca gtttgatgag ctcaccctgc tgcaccttcg 1620
tgagtttgac aagaagaagc tgatctctgt ggagacggac atagtcgtgg atcactacaa 1680
ggaggagaag tttgaggaca ggtccccagc cgccgagtgc ctatcagaga aggagacgga 1740
ggagctcatg gcctggatga gaaatgtgct ggggtcgcgt gtcaccaacg tgaagggtgac 1800
cctccgactg gacacccacc ctgccatggt caccgtgctg gagatggggg ctgcccgcc 1860
cttctgcgc atgcagcagc tggccaagac ccaggaggag cgcgcacagc tcctgcagcc 1920
cacgctggag atcaacccca ggcacgcgct catcaagaag ctgaatcagc tgcgcgcaag 1980
cgagcctggc ctggctcagc tgctggtgga tcagatatac gagaacgcca tgattgctgc 2040
tggaacttgt gacgacccta gggccatggt gggccgcttg aatgagctgc ttgtcaaggc 2100
```

```
cctggagcga cactgacagc cagggggcca gaaggactga caccacagat gacagcccca 2160
cctccttgag ctttatttac ctaaatttaa aggtatttct taaaaaaaaa a 2211
```

```
<210> 7160
<211> 1855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(1420)
<223> similar to gi286001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7160
ggaattcgcc ggggttccgtg tgtctatgtc aatgtgtctg tccttcactc ctccattgtc 60
tgccgccact gctgctgctg ctgctgctgc cgctgctgct gcacgaatcg ccgcagcccc 120
cagccttgcg cgtcgtcgtc acctcctcgg acagaaatth tatgaataag catcagaagc 180
cagtgtctac aggccagcgg ttcaaaactc ggaaaaggga tgaaaaagag aaattcgaac 240
ccacagtctt cagggatata cttgtccagg ggcttaatga ggctgggtgat gaccttgaag 300
ctgtagccaa atttctggac tctacaggct caagattaga ttatcgtcgc tatgcagaca 360
cactcttcga tctcctgggt gctggcagta tgcctgcccc tggaggaaacg cgcatagatg 420
atggtgacaa gaccaagatg accaaccact gtgtgttttc agcaaatgaa gatcatgaaa 480
ccatccgaaa ctatgctcag gtcttcaata aactcatcag gagatataag tatttggaga 540
aggcatttga agatgaaatg aaaaagcttc tcctcttcct taaagccttt tccgaaacag 600
agcagacaaa gttggcgatg ctgtcgggga ttctgctggg caatggcacc ctgcccgccca 660
ccatcctcac cagtctcttc accgacagct tagtcaaaga aggcatcgcg gcctcatttg 720
ctgtcaagct tttcaaagca tggatggcag aaaaagatgc caactctggt acctcgtctt 780
tgagaaaagc caacttagac aagaggctgc ttgaactctt tccagttaac agacagagtg 840
tggatcattt tgctaaatac ttcactgacg caggctctta ggagctttcc gacttcctcc 900
gagtccagca gtccctgggc accaggaagg aactgcagaa ggagctccag gagcgtcttt 960
ctcaggaatg ccgatcaag gaggtggtgc tttatgtcaa agaagaaatg aagaggaatg 1020
atcttccaga aacagcagtg attggtcttc tgtggacatg tataatgaac gctgttgagt 1080
ggaacaagaa ggaagaactt gttgcagagc aggtcttgaa gcacctgaag caatatgctc 1140
ccctgctggc cgtgttcagc tcccaaggcc agtcagagct gatcctcctc cagaaggttc 1200
aggaatactg ctacgacaac atccatttca tgaaagcctt tcagaagatt gtggttctct 1260
tttataaagc tgatgttctg agcgaagaag caatactgaa atggtataag gaagcacatg 1320
ttgctaaagg caaaagtgtt tttcttgacc agatgaagaa atttgttgag tggttacaaa 1380
atgcagaaga agaattccgaa tcggaagggt aggaaaatta aatggctcaa caagcacaat 1440
acctaggtta ccacacacca ctttttgatt gggaatgctg aaccatttga gaagagaaac 1500
ttggcttctg ttttcgcaaa ggaaaaaaa aataggatag gcttcccttg tgcagagga 1560
gaaatggttt tgtttttgtt ttgtttttta atggagccct gaggcacag ctattatact 1620
tgggactcta cctctcactc actatatgct aacttaaagc cattcaacaa ggagtcaagt 1680
agatctgaaa ttaaatactc aacagactcc tcctttttta gctgtatttt tcagggtactg 1740
tgtggtgacc gccccactgg tgtctattac aggccacttt ggtagtgttg tatctgctca 1800
tgtatgtgat ttgacaaacc agttttttta aataaatggc tttttaaaaa aaaaa 1855
```

<210> 7161
 <211> 2720
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (146)...(1381)
 <223> similar to gi2914753 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7161
 ccggaaactc gggtcgaccc acgcgtccgc gcgaggggcg gggcgagcgc gggacaaagg 60
 gaagcgaagc cggagctgcg ggcgttttt ctgcccgcgg tgtctcagat tcattcttaa 120
 ggaactgaga acttaatctt ccaaaatgtc aaaaagacca tcttatgccc cacctcccac 180
 cccagctcct gcaacacaaa tgcccagcac accagggttt gtgggataca atccatacag 240
 tcatctcgcc tacaacaact acaggctggg agggaaacccg ggcaccaaca gccgggtcac 300
 ggcacacctt ggtatcacga ttccaaaacc ccaaagcca ccagataagc cgctgatgcc 360
 ctacatgagg tacagcagaa aggtctggga ccaagtaaag gcttccaacc ctgacctaaa 420
 gttgtgggag attggcaaga ttattggtgg catgtggcga gatctcactg atgaagaaaa 480
 acaagaatat ttaaacgaat acgaagcaga aaagatagag tacaatgaat ctatgaaggc 540
 ctatcataat tccccgcgct accttgctta cataaatgca aaaagtcgtg cagaagctgc 600
 tttagaggaa gaaagtcgac agagacaatc tcgcatggag aaaggagAAC cgtacatgag 660
 cattcagcct gctgaagatc cagatgatta tgatgatggc ttttcaatga agcatacagc 720
 caccgcccgt ttccagagaa accaccgcct catcagtga attcttagtg agagtgtggt 780
 gccagacgtt cggtcagttg tcacaacagc tagaatgcag gtccctcaaac ggcaggtcca 840
 gtccttaatg gttcatcagc gaaaactaga agctgaactt cttcaaatag aggaacgaca 900
 ccaggagaag aagaggaaat tcctggaaaag cacagattca ttaacaatg aacttaaaag 960
 gttgtgcggt ctgaaagtag aagtggatat ggagaaaatt gcagctgaga ttgcacaggc 1020
 agaggaaacag gcccgcacaa ggcaggaggaa aaggggagaag gaggccgcag agcaagctga 1080
 gcgcagtcag agcagcatcg ttcttgagga agaacaagca gctaacaag gcgaggagaa 1140
 gaaagacgac gagaacattc cgatggagac agaggagaca caccttgaag aaacaacaga 1200
 gagccaacag aatggtgaag aaggcacgtc tactcctgag gacaaggaga gtgggcagga 1260
 gggggtcgac agtatggcag aggaaggaac cagtgatagt aacactggct cggagagcaa 1320
 cagtgaaca gtggaggagc caccaacaga tcccatacca gaagatgaga aaaaagaata 1380
 agtgttgcc tgttttgtgt gttctaaata ctttttttaa tgaaaaaatg ttttttggtt 1440
 ttaatggtgt tacgtgggtt gtgtattaat ttttttctt gtccatatca caccacaaa 1500
 ggcttttgga ccatttagca tcatgagcct aatggctcag tcagtcacct ttcttaagtg 1560
 ttgtgaagat ggctcttttc tttggatctt gtttctagcc ctcaactgct gaaagcctca 1620
 gaatttagat taattgagaa aacacccacc tcttttagag aattatcctt tgatgctgca 1680
 gaatctactc ttacaatgcc ttctacagc tctctgggtt gcttaccaa gccatagctt 1740
 taaaccttcc cagtcccat cagtagcttc ctgaaagtct cctctcttgt ttacttctgc 1800
 aaagggtagc ttcttaaaaa cgtgatcatg tatgagtatg tatttgttca cttacccttt 1860
 tttactttta atcaatgtca gataccaaga gttgtgttaa gctgagtgtg gtgtgtaact 1920
 aactacactt ggaatcttact gatccagaaa tagtccccat agttagagta gttacttatg 1980
 aagtggttat taaagtgaac acagcacata tacattatct atactgcttt ttgttatgat 2040
 taatactggg tatgttctgg taaatccatc cttattgtat agaaaaaaa ttactttttt 2100
 accaggtttt ccaaagacag aatagatcac aaagctcaag gaatttaata ttcttgtaat 2160
 ggactagata attcaaactg attagcccat tccagaagaa aaacagctgg gaattaagtt 2220
 aatccacttg aaattgtttt acaataatca gaacatccaa acctcaaggc tcaggatccc 2280
 atagaccaga gccaccttt ttgataaact tagtaaagtc ttggagacta gaagcaagat 2340
 agtttgtgac acataagctt cccaaaaact agaatagatt ttactgaat agtgggtatat 2400
 ctgatggtat atgtttctta aagggtccaa tgtaataaaa aaaaaatgaa aaaaaggtct 2460

004875.04100

ctctgctctc cgaaggcgaa gagggctctc caaaccggtt tggcgtgcgg acaaaaaccc 1980
 cagcatatcg tgtcctcaca ccggctggag cactggacgt cg 2022

<210> 7163
 <211> 968
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(674)
 <223> similar to gi3881545 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7163
 cggacgcgtg ggcgcgaacc atggccggca tgggtggactt ccaggatgag gagcagggtca 60
 agtccttttt ggagaacatg gaggtggagt gcaactacca ctgctaccac gagaaggacc 120
 cggacggttg ctatcggtcg gtggactatt tggaagggat ccggaagaat tttgatgagg 180
 ctgccaaagg gttgaagttt aactgtgaag agaaccagca cagtgatagc tgctacaaac 240
 tgggggccta ctatgtgact ggaaaagggt gtctgaccca ggacctgaaa gctgccgcca 300
 ggtgcttttt gatggcgtgt gagaagcctg gaaagaagtc aatagcagca tgtcacaacg 360
 ttggcctcct ggcacatgat ggacagggtta atgaggatgg ccagcctgac ttgggaaagg 420
 ccagggacta ctacacaagg gacctgtgat gtggctatac ttccagttgc ttcaacctca 480
 gtgccatggt cctgcagggt gccccaggct tccccaggga catggacctg gcatgtaaat 540
 actccatgaa agcctgtgac ctgggtcata tctgggcctg tgccaatgcc agtcgcatgt 600
 acaagctggg ggatggtgtt gataagggtt aggccaaggc cgagggtgcta aaaaatcgag 660
 cccagcaggt acacaaagaa cagcagaaag gtgtccaacc cttaacattt gggtaatgtg 720
 gtccaccctc cctcccaggc aacaaactgc ttgaggctgg cagctcctgt ttctgaagac 780
 tgatgcagcc cttgaaggtc aacctgctgg agcaaaaaaa cttgggactt gaattttag 840
 ctccatttac atggatccat tgccccagct actggagtat agcctacaat gtttatttca 900
 gtcaatatcc ctttatctgg gtgttctgta caatgtttat tacagtcaat attccttcaa 960
 aaaaaaaaaa 968

<210> 7164
 <211> 2115
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1118)...(1781)
 <223> similar to gil89937 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7164					
gggatctcaa	agacttcttt	agctaattac	ttccattgcc	atggccaata	ataagaataa	60
taacacagta	atactagcag	ttgggaagct	acataatagt	aattaagaga	acagactttg	120
aagctagact	gcctgtggct	gtgaccttga	ataaaacctt	taacctatct	ctgtctcagc	180
tttcccatcg	gtaaagtggg	cataataaaa	gtgtctactt	catagggcta	ttgtggggat	240
tagtagcata	tctaaagtag	cttaaaacag	tgtcttacat	acagtaggtc	aaatatagtg	300
ttagctatta	ttaccattat	cactgtcact	atccttatcc	tccaaagttt	gcaacaaact	360
gagagacaga	tacaggaacc	atagagatgg	tgatcagagg	tcagctttta	aattgagcga	420
tttagagaat	gtgatataga	tatgcacaca	aatggacttg	ctaatatttt	accccttaat	480
taggtaaact	tacctgccaa	ttcatagagc	atagtccatt	gcatggccaa	gagcagactg	540
gaatgaggtc	ctctgtgaac	aatcaagaga	gaaagagcag	tacagaaaga	gttaaattga	600
caatattcat	attctcttcc	caaatgctcc	agtcagacag	gtcactgcta	cttatggggg	660
agactgtgtg	aggtgcagta	cagaagctgg	aagcactcta	tccatactct	tcccttctgg	720
gaaatgaggt	tcaaattccc	tcttcaactct	agaagcagga	gaagtaggga	atcattgttc	780
caccctaaca	aatggtaatg	aaagctaaat	ttattgcatg	tttccaatgt	gctaggctct	840
gtgctaagta	ctttgtattc	attagctctt	tttattcttg	gaacatttct	aagaagtatc	900
tatccacatt	atgcatagta	ggaaactgag	gctcagaagt	gggaatttac	ttgatccaga	960
tcacctagct	agaaagcagc	gaggcagaca	ctcgaagcca	agctgccta	gcgtcaaagc	1020
ctatgtccct	gggcagttat	gtgtactact	ccactacctt	aaggcttccct	agctgccttg	1080
actcagtggt	gatgagcttt	gagttttctt	tcttcttttc	atcccagctt	gactgggttt	1140
ccgctccga	cctgtagctg	gcctgctttc	ctctcgggat	ttcttgggtg	gcctggcctt	1200
ccgagtcttc	cactgcacac	agtacatcag	acatggatcc	aagcccatgt	atacccccga	1260
acctgacatc	tgccatgagc	tgttgggaca	tgtgcccttg	ttttcagatc	gcagctttgc	1320
ccagttttcc	caggaaattg	gccttgccct	tctgggtgca	cctgatgaat	acattgaaaa	1380
gctcgccaca	atttactgg	ttactgtgga	gtttgggctc	tgcaaacaag	gagactccat	1440
aaaggcatat	ggtgctgggc	tcctgtcatc	ctttgggtgaa	ttacagtact	gcttatcaga	1500
gaagccaaag	cttctccccc	tggagctgga	gaagacagcc	atccaaaatt	acactgtcac	1560
ggagttccag	cccctgtatt	acgtggcgaga	gagttttaat	gatgccaaag	agaaagtaag	1620
gaactttgct	gccacaatac	ctcggccctt	ctcagttcgc	tacgacccat	acacccaaag	1680
gattgaggtc	ttggacaata	cccagcagct	taagattttg	gctgattcca	ttaacagtga	1740
aattggaatc	ctttgcagt	ccctccagaa	aataaagtaa	agccatggac	agaatgtgg	1800
ctgtcagctg	tgaattctgt	gatggagatc	caactatttc	tttcatcaga	aaaagtccga	1860
aaagcaaac	ttaatctgaa	ataacagcct	taaatccttt	acaagatgga	gaaacaacaa	1920
ataagtcaaa	ataatctgaa	atgacaggat	atgagtacat	actcaagagc	ataatggtaa	1980
atcttttggg	gtcatctttg	attttagagat	gataatccca	tactctcaat	tgagttaaat	2040
cagcaatctg	tcgcatttca	tcaagattaa	ttaaaatttg	ggacctgcct	cattcaagct	2100
tcatatatgc	tttgt					2115

```
<210> 7165
<211> 922
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (76)...(680)
<223> similar to gi35897 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 7165
cgctccacgc gcgcccggac tcggcggcca ggcttgcgcg cggttcccct cccggtgggc 60
ggattcctgg gcaagatgaa gtgggtgtgg gcgctcttgc tgttggcggc gctgggcagc 120
ggccgcgcgg agcgcgactg ccgagtgcgc agcttccgag tcaaggagaa cttcgacaag 180
gtctcgcttct ctgggacctg gtacgccatg gccaaagaagg accccgaggg cctctttctg 240
caggacaaca tcgtcgcgga gttctccgtg gacgagaccg gccagatgag cgccacagcc 300
aagggccgag tccgtctttt gaataactgg gacgtgtgcg cagacatggg gggcaccttc 360
acagacaccg aggaccctgc caagttcaag atgaagtact ggggcgtagc ctcttttctc 420
cagaaaggaa atgatgacca ctggatcgtc gacacagact acgacacgta tgccgtgcag 480
tactcctgcc gcctcctgaa cctcgatggc acctgtgctg acagctactc cttcgtgttt 540
tcccgggacc ccaacggcct gccccagaa gcgcagaaga ttgtaaggca gcggcaggag 600
gagctgtgcc tggccaggca gtacaggctg atcgccaca acggttactg cgatggcaga 660
tcagaaagaa acccttttga gcaatatcaa gaatctagtt tcatctgaga acttctgatt 720
agctctcagt cttcagctct atttatctta ggagtttaat ttgcccttct ctccccatct 780
tccctcagtt cccataaaac cttcattaca cataaagata cacgtggggg tcagtgaatc 840
tgcttgccct tcctgaaagt ttctggggct taagattcca gactctgatt cattaaacta 900
tagtcacccg tgaaaaaaaa aa 922

```

```

<210> 7166
<211> 2198
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(612)
<223> similar to gil060893 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7166
aattcccggg tccacgattt cgtggaggct cgggtcgctg tgggtgcgctg tcttcccget 60
tgcgtcaggg acctgccga ctcagtggcc gccatggcat cagatgaagg caaacttttt 120
gttgaggggc tgagttttga caccaatgag cagtcgctgg agcaggctct ctcaaagtac 180
ggacagatct ctgaagtggg ggttgtgaaa gacagggaga cccagagatc tcggggattt 240
gggtttgtca cctttgagaa cattgacgac gctaaggatg ccatgatggc catgaatggg 300
aagtctgtag atggacggca gatccgagta gaccaggcag gcaagtcgtc agacaaccga 360
tcccgtgggt accgtgggtg ctctgccggg ggccggggct tcttccgtgg gggccgagga 420
cggggccgtg ggttctctag aggaggaggg gaccgaggct atggggggaa ccggttcgag 480
tccaggagtg ggggctacgg aggtccaga gactactata gcagccggag tcagagtggg 540
ggctacagtg accggagctc gggcgggtcc tacagagaca gttacgacag ttacgctaca 600
cacaacgagt aaaaaccctt cctgctcaag atcgctcttc caatggctgt gtgtttaaag 660
attgtgggag cttcgtgtaa cgttaatgtg tagtaaatgc acctccttgt attccactt 720
tcgtagtcat ttcggttctg atcttgtcaa accagcctg accgcttctg acgccgggat 780
ggcctcgtta ctagactttt ctttttaagg aagtgtgtt tttttttgag ggttttcaaa 840
acattttgaa aagcatttac ttttttgacc acgagccatg agttttcaaa aaaatcgggg 900
gttgtgtggg tttttgggtt ttgttttagt ttttggttgc cgttgccttt ttttttttag 960
tggggttggc cccatgaagt ggggtgcccc ctcacttctc tgagatcgaa cggactgtga 1020
atccgctctt tgtcggaagc tgagcaagct gtggcttttt tccaactccg tgtgacgttt 1080
ctgagtgtag tgtggttaga ccccggcggg tgtggcagca actgccctgg agccccagcc 1140
cctgcgtcca tctgtgctgt gcgccccaca gtagacgtgc agacgtccct gagaggttct 1200

```



```

gcaaatgctt ctaaacggac tcagcagatg cgtagcattt gctgcatggg ttaattgaga 1260
atagaaattt gcccctggca aatgcacaca cctcatgcta gcctcacgaa actggaataa 1320
gccttcgaaa agaaattgtc cttgaagctt gtatctgata tcagcactgg attgtagaac 1380
ttgttgctga ttttgacctt gtattgaagt taactgttcc ccttgggtatt tgtttaatac 1440
cctgtacata tctttgagtt caaccttttag tacgtgtggc ttgggtcactt cgtggctaag 1500
gtaagaacgt gcttgtggaa gacaagtctg tggcttggtg agtctgtgtg gccagcagcc 1560
tctgatctgt gcagggtatt aacgtgtcag ggctgagtggt tctgggattt ctctagaggc 1620
tggcaagaac cagttgtttt tgtcttttgcg gggctctgttc aggggttttg aaaagtccaa 1680
gccgtaggac cccagtttcc tttcttaagc tgatgtcttt tggccaagaa caccctgtgg 1740
gctgggttact tgctttgaag ttggaagcgg gtttgacat ttacgcctgt aaatgtattc 1800
attcttaatt tatgtaaggt ttttttttgt acgcaattct ccgattcttt tgaagaagat 1860
gacaacaaat tttgggtttt ctacatgtta tgtgagaaca ttagcgcccc acgcaacact 1920
gtcatttggtg taaggaaaaa ataaaagttg ctgcccgtaa ccaaaaaaaaa aa 1972

```

<210> 7168

<211> 2499

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (552)...(1095)

<223> similar to gi32996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7168

```

ttctcccgca accttccctt cgtccctcc cgtccccccc agtccttagc ctccgactcc 60
ctccccccct caccgccgcc ctctcgcctt cgccgaacca aagtggatta attacacgct 120
ttctgtttct ctccgtgctg ttctctcccg ctgtgcgcct gcccgctct cgtgtctctc 180
tctccccctc gccctctctt cggccccccc cctttcacgt tcaactctgtc tctcccacta 240
tctctgcccc cctctatcct tgatacaaca gctgacctca tttcccgata ccttttcccc 300
cccgaaaagt acaacatctg gcccgcccca gcccggaagac agcccgctct ccttgggaca 360
atcagacgaa ttctcccccc cccccaaaaa aaagccatcc ccccgctctg ccccgctcgca 420
cattcgcccc ccgcgactcg gccagagcgg cgctggcaga ggagtgtccg gcaggagggc 480
caacgccccg tgttcggttt gcgacacgca gcaggagggt gggcggcagc gtcgcgggct 540
tccagacacc aatgggaatc ccaatgggga agtcgatgct ggtgcttctc accttcttgg 600
ccttcgcctc gtgctgcatt gctgcttacc gccccagtga gacctgtgc ggcggggagc 660
tgggtggacac cctccagttc gtctgtgggg accgcggctt ctacttcagc agggccgcaa 720
gccgtgtgag ccgtcgcagc cgtggcatcg ttgaggagtg ctgtttccgc agctgtgacc 780
tggccctcct ggagacgtac tgtgctaccc ccgccaagtc cgagagggac gtgtcgaccc 840
ctccgaccgt gcttcgggac aacttcccc aataccccgt gggcaagttc ttccaatatg 900
acacctggaa gcagtccacc cagcgctgc gcaggggcct gcctgccctc ctgcgtgccc 960
gccgggggtca cgtgctcgcc aaggagctcg aggcgttcag ggaggccaaa cgtcaccgtc 1020
ccctgattgc tctaccacc caagaccccc cccacggggg cccccccca gagatggcca 1080
gcaatcgga gtagcaaaa ctgccgcaag tctgcagccc ggcgccacca tctgcagcc 1140
tctctctgac caccgacgtt tccatcaggt tccatcccga aaatctctcg gtccacgtc 1200
cccttggggc ttctctgac ccagtcccc tgccccgcct ccccgaaaca ggctactctc 1260
ctcggccccc tccatcgggc tgaggaagca cagcagcatc ttcaaactg taaaaaatcg 1320
attggcttta aacacccttc acataccctc cccccaatt atccccaatt atccccacac 1380
ataaaaaatc aaaacattaa actaaccccc ttcccccccc ccacaacaa ccctcttaaa 1440

```

actaattggc	tttttagaaa	caccccacaa	aagctcagaa	attggcttta	aaaaaaacaa	1500
ccaccaaaaa	aatcaattg	gctaaaaaaa	aaaagtatta	aaaacgaatt	ggctgaaaaa	1560
caattggcaa	aataaaggaa	tttggcactc	cccaccccc	tctttctctt	ctcccttga	1620
ctttgagtca	aattggcctg	gacttgagtc	cctgaaccag	caaagagaaa	agaagggccc	1680
cagaaatcac	aggtgggcac	gtcgtgcta	ccgccatctc	ccttctcacg	ggaattttca	1740
gggtaaactg	gccatccgaa	aatagcaaca	accagactg	gctcctcact	cccttttcca	1800
tactaaaaa	tcacagagca	gtcagagggg	cccagtaaga	ccaaaggagg	ggaggacaga	1860
gcatgaaaac	caaaatccat	gcaaatgaaa	tgtaattggc	acgaccctca	cccccaaatc	1920
ttacatctca	attcccatcc	taaaaagcac	tcatacttta	tgcatccccg	cagctacaca	1980
cacacaacac	acagcacacg	catgaacaca	gcacacacac	gaccacagac	acacagacgt	2040
gcaccaccat	acctggcgaa	gttttgtatt	tttggtagag	atggggtttc	accatgttgc	2100
tcaggctggt	ctcaaactcc	tgagttcaag	cgatctacct	gccacagcct	cctagagtgc	2160
tgggatgaca	ggcatgagcc	accgcaccca	gcctctgcgt	ggggtttcgt	cagggctggg	2220
tctgtgccct	gaaggggagc	tcattccagc	ccagctcccc	actgctgcag	cttgtgtgtg	2280
gactcctcca	gaaggggagc	gggagtttcc	ctgtaggagt	ttatcatcca	tggtgaggag	2340
ggcagcaggg	ggcactatct	cctcagggtg	aggtcttttag	ttaggcctct	gagcccaagc	2400
taagccatca	tatcccctgt	gacctgcacg	tatacatcca	gatagcctga	agcaactgta	2460
aaaatatcct	taactgatga	cattccaata	ttgtgattg			2499

<210> 7169
 <211> 1748
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1391)...(528)
 <223> similar to gil881447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7169	
tttttttttt	ttcatacaaa cattatgtat ctttatttaa atttgcaaat gaaaacaaca 60
catatttcat	gttagtttta ataagagatt ccctatcctc tgccccagta aaacctaacc 120
aagccagcct	gacagggttat atcaatacag ggagctggag tgggagccaa ggggtggtgtt 180
agataggggt	ggggtacaga tcaagggggc ctgggagact cagtgactgg aagtctctgc 240
ccctcactct	tggtgagtag ctaatttcag cagctggcct cataaggagg agtcaggggt 300
gggtggaggc	tcctcccaat tccagatcca ctctctcttc tccttctgtc tcctggacac 360
ttaggtctta	ctgagatggg tttccacag taaagagagg tgggggcaga gtactaaggg 420
tcaggagtgt	gactctttcc catgactcag gcctctgtgc tagagggtgac ccttatagga 480
aggagagacc	ccaaatcctt tagccaatga gtggtggggc catcatacca gagagccagc 540
ttgactctgg	gcaggcacca tcacaggcac agcacccatg cggctcaagc cagaggaaga 600
aaccccccca	gggatggggg atattggtt agggctgggc ccatctgtcg tgggcagtct 660
tgggtgaggg	agggcctggc tggagagact gggcgtgggg gtcaatgcac caggcctggg 720
agggccatgg	ggtggccgga gggctcgtgc ggaggtgaca gaggaaaggg tccattctt 780
ggagattgtg	tctgagctct tgggccaggg cagggtccgg ggagcaatgg catcctcctt 840
gatatcattg	gctggctcct ccagggcctt gccccggcgg tggtaacaaga ggaccagccc 900
agccagcaac	cccagtccaa ccagggtacc cacaacagct ccagcaacca ctgcagctcc 960
aggccctgtg	ctcacttcca gcgtcacatt acattgggca gtgcccacct cattgtgggc 1020
cttgacagaca	tagactccag ccatggaaga cgaaagggtt gtgaggctta aagaccacg 1080
gatgacatct	aatgctggtg caaagaaagt ctggaaggat ggaagctgcc gatcccactg 1140

```

gtattggaca gcgggcttac tccttggaga ctggcagctc aggggtcacgt ttgccccac 1200
atggggcaca ccctggagac ggcaggatgg aggagctgga ggaaccagta cattgagttc 1260
taaggttttg atgctgtggc ccctagattt gccttggttg tcttgacat tcacggagca 1320
gctgtagggg ccagagtctt tctcctggag accctccagc cgcagggaca ggttccggga 1380
gggcatggag tagaccaagg atactccagg tttgcttggt gtgaccccat tgatgtagga 1440
caacacctgg tgtggggcat aacacatccc cgtcattact acatgtgtct actgtgccta 1500
caggtcagc cactctccct cccccagctc gcattctcca aatgcccctc acatgcaccc 1560
attcttctaa cctgaaccag ctccccattc accttttgtc cctagccccc tctcactgcc 1620
cctgggtcct cttcaccaga acagttcttc gttcctgcgc attgtctcat ctcccaattg 1680
cgggtgttag aaaggtgaca taatagtggg aggagggaca tgtaaatagg aggtatgtat 1740
ctcgtgcc 1748

```

```

<210> 7170
<211> 2303
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1270)...(794)
<223> similar to gi37481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7170
tttttttttt ttcagtctgt cattttttatt aagcctgcag agctgttttt tttttctaca 60
cacgacaaat actttgatat aatctaggat aataaaatag ttgaacaact ttttaagatt 120
tatatttgta tagaaacaat ctgtggaact cctccctca aaatgaagggt gtctaaaaac 180
agtgattcat cagcattgct ttaaataatt gtttggttaa aagttgtggt ttccattctc 240
aaccgaaatg cgtctccatg cagttttcct tgggtccaaa gcttaaggcc ttgggaagggt 300
ggccaagaaa aaaagaatgg ccactctcct ttctgtcctt cccttgtgtg gaggacagtgt 360
attgaaacag gggagttaaa aagccaggaa gaaaagaaat caattgcaca tctctagtct 420
gcaagcgtca aagtcacaac aagtctgtac acaacaactc tctatctgta gatatgaaat 480
tccatcatga tagcacagcg cctgcttgcc cctaaatggt cctttcttct gctaatacatg 540
tcagttacta tggatgggct gtggccataa gttctccctc aagggtctgt ccttctgtca 600
ccttgaagtgt tcagccctgt aattatgccca cttggatgct atgtcttgat acccaataaaa 660
ggtctacat cccctaagaa atcccttacc ccaccccaa acccccaaag tgcctaagag 720
tgaagacgaa gatgccatgg agacggcgct ttcagtgaac acctcccaa agatgcccggt 780
ggactcgggc ctatatcatc ccattgatct tagtccactc gtagatgtcc tgttcgcaca 840
ctatgtcaga gttgatgagg aggtatctgt cacctacaca gaaatgcttc tgacaggcgg 900
cgcacttgaa acattccagg tgatacactt tgtctttcac ccgcattgtc atctcatagg 960
cacgaatccg cttgtcacag gatgcgcaga gacggtcttg cccaaaaagc ctgagatagt 1020
ctctccggca gagcttccgg ccagtttgtt agtagaggcg ccgccccacc tcaccagcc 1080
ggcagccaca gaggtcgcag ctcaggcagt cctcgtgccca gtactggtcg atggccttca 1140
ggaagtagcg gtccccgatg ttctgctggc agccgcgcga tgtcagcagg gatgggggga 1200
tctgcagcac ctcatccact ggttccctctg aagggtccag gctcttccct tcgatggccg 1260
aggacattgg ggagggaggc ggggtgccgg ggggcggggg cgtcccttt gtggcgcggg 1320
gctggccggc tgcgggggct cggacccct cgggtgctcg ggcgcgcgc ccgcgcgcgc 1380
cgtcgcgcgc gctcctgcct ccgcttgctc ggctccgcgc ggcgagctcg cccctccgcg 1440
ctcaaggaca gtcaccgcgc tcccttccat ccggtcccg ccgcgcgcac cgcgcgggtc 1500
ctctcgcgcg ctgtcgcgcg ctccgcgcgc ccgcggggga tgggtgtgcgc ccgcgcgcgc 1560

```

```

gccggagcc cctggcacct ttccggcccc gggcgcggc gccctgctcg ccgccgaggg 1620
cagagagggg gcggcgccct aggggcgggg aggggaccgt gcgtctctct ccgggcttcc 1680
tcctctctcg ggaaggtcta ttttggctca ggcttccctc tgtctctgtt tcatttcctt 1740
tttctgcct ctccactagc tactgcaagt tcagggtgaa aaatatcttc ttttcagagc 1800
agttgttaca gcagatgatg taatcctggt ggcttcccc atcagatcta ggctgcctgc 1860
cccacggata ccttctgggc taattgcctg ctttgccact gttccttctc gggaggccct 1920
ggcaccctag cacctgggtg ctgtgccatc tcccctctct gccaggacac ccagaggccc 1980
ttgtgaatag caaagcccac ttaacggctg agggcagggtg ggggtatttc cttctcaatt 2040
ctgctcaagg ccggttgctg ttctttgagg atgttgcaaa tccagggttt ggagggctgg 2100
gcctcttggg ggcttggttg tctatctgat agggcgagc cttcaccctt gcagcgagct 2160
ctctcacacc agatgtgctc tgcgtggaat cctaggccat caggggattc cttagcaagc 2220
cctgcaggac ccaaatccta actcagacc tcctctcct actcagaatg tggagacttg 2280
tgatcctcag tttggacgaa ttc                                     2303

```

```

<210> 7171
<211> 1792
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (110)...(1032)
<223> similar to gi2808531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7171
gggcggggat tgcgactctc acaccctgag ctccgggtgct cctttcctaa ctccactggc 60
tgcggcatct gtgggaaaag tgtggctggg tcttcgagga gccgcaccaa tggcttccgt 120
gctgtcctac gaaagcctgg tccacgccgt ggccggagcc gtgggaagcg tgacagcaat 180
gacagtgttt tttcccctgg atacagctag acttcgactt caggttgatg agaaaagaaa 240
atccaaaact acacacatgg tgctcctgga gatcattaaa gaagaaggac tcctggcacc 300
atatcgaggg tgggttccag tgatttccag tctctgctgc tccaattttg tctatttcta 360
cacttttaat agcctcaaag cactctgggt caaagggtcaa cattctacca ctggaaaaga 420
tctggtagtt ggggttgttg caggagtggg taatgtgttg ctaacaactc cactctgggt 480
ggtaaaccac agactgaagc ttcaaggagc aaaatttagg aatgaagaca ttgtaccaac 540
aaactacaaa ggtatcattg atgcttttca tcagatcatt cgcgatgaag gaatctcggc 600
tttatggaat ggcacatttc cctcattgct gtttgtcttc aatcctgcc tccagttcat 660
gttttatgaa ggtttaaaac ggcagctttt aaagaaacgg atgaagcttt cttccttgga 720
tgtgttcacg attggggcag tagccaaagc gattgccacc acggtgacct atcccctgca 780
gacggtacag tcaattctga ggtttgggag tcatagacta aaccagaaa acagaacatt 840
gggaagtctt cggaatatc tctatcttct tcaccaacga gtaagacgtt ttggaataat 900
gggactctac aaaggccttg aagccaaact gctgcagaca gtccctcactg ctgctctcat 960
gttccttggt tatgagaaac tgacagctgc caccttcaca gttatggggc tgaagcgtgc 1020
acaccaacac tgagacgct tcccatgaaa aattccgaag atgctcaaga gggagggttc 1080
ctcctgagtg aagagaagtg attctccctt gactctggct cctgccacca caaatgttac 1140
cctcattggc ttgaaaagca tccaagggtg cacagggagt atggccaact ggacctgttg 1200
tcaccttaat tgtcatgctg gctggttgga ttttggggtg gcagttggac taatgtgaaa 1260
aaaacattgc tgaaaacctt aaaatgaaag tttgggagtg tttattggtt ttcttaagag 1320
aaatggacta ttttgcctc atgtgtaatg gtttctattt aaatctttct taaatatacc 1380
agctgttctc tttccctgaa ctctccccc ggttctagga caaatttaat aacatgtaat 1440

```


<210> 7173
 <211> 1090
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (62)...(798)
 <223> similar to gi2910997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7173
 gtcgacccac gcgtccggta cagtcgccgc gtgcggagct tggtactggt tacttggcct 60
 catggcggtc cgagcttcgt tcgagaacaa ctgtgagatc ggctgctttg ccaagctcac 120
 caacacctac tgtctggtag cgatcggagg ctgagagaac ttctacagtg tggtcgaggg 180
 cgagctctcc gataccatcc ccgtgggtgca cgcgtctatc gccggctgcc gcatcatcgg 240
 gcgcatgtgt gtggggaaca ggcacggtct cctgggtacc aacaatacca ccgaccagga 300
 gctgcaaac attcgcaaca gcctcccaga cacagtgcag attaggcggg tggaggagcg 360
 gctctcagcc ttgggcaatg tcaccacctg caatgactac gtggccttgg tccaccacaga 420
 cttggacagg gagacagaag aaattctggc agatgtgtct aagggtggaag tcttcagaca 480
 gacagtggcc gaccaggtgc tagtaggaag ctactgtgtc ttcagcaatc agggagggct 540
 ggtgcatccc aagacttcaa ttgaagacca ggatgagctg tcctctcttc ttcaagtccc 600
 ccttgtggcg gggactgtga accgaggcag tgagggtgatt gctgctggga tgggtggtgaa 660
 tgactgggtg gccttctgtg gcctggacac aaccagcaca gagctgtcag tgggtggagag 720
 tgtcttcaag ctgaatgaag ccagcctag caccattgcc accagcatgc gggattccct 780
 cattgacagc ctacacctgag tcaccttcca agttgttcca tgggctcctg gctctggact 840
 gtggccaacc ttctccacat tccgcccaat ctgtaccgga tgctggcagg gaggtggcag 900
 agagctcact gggactgagg ggctgggcac ccaacccttt tccacctgtg cttatcgctt 960
 ggatctatca ttactgcaaa aacctgctct gttgtgtctg ctggcaggcc ctgtggctgc 1020
 tggctgaggg ttctgctgtc tgtcctgtgc caccaccatta aagtgcagtt ccctccgggc 1080
 aaaaaaaaaa 1090

<210> 7174
 <211> 818
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (309)...(593)
 <223> similar to gi4454708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7174

gacgacgtag	cagccatctt	ttccctggct	ttggtgattc	agaaactccc	gttctgtggc	60
gaaattctgt	gagtccatga	agctggattg	tccctgacct	cttttgagga	aggagagggg	120
tgcttctaac	tggtcctggg	agatgccact	gtgatgtatc	cgggatgaag	acacaatcct	180
ggttacttca	tagcctgttt	ttcttcccca	gccctgactt	ctcaaaaagc	actgcacaga	240
ggaggaggca	gcagaacccc	atttcagctt	cttaggactc	tgcaacttccc	cagaaggaag	300
aattaaaaat	gaatatgttc	aaggaagcag	tgaccttcaa	ggacgtggct	gtggccttca	360
cggaggagga	attggggctg	ctggggccctg	cccagaggaa	gctgtaccga	gatgtgatgg	420
tggagaactt	taggaacctg	ctgtcagtg	ggcatccacc	cttcaaacaa	gatgtatcac	480
ctatagaaa	aaatgagcag	ctttggataa	tgacgacagc	aacccgaaga	cagggaaatt	540
tagatacctt	acttgtaaaa	gctcttttgc	tctatgacct	ggctcaaact	taaacttgga	600
tttgaagtta	gaagaaatgt	tggaaagtc	ttatatatga	agaaatgttg	gaaggactca	660
tatatgcata	cattccctga	gtgacatga	atgactgccg	ggcagtaact	tctgggctgt	720
ggttgtaaac	tgtgagcact	acaaaatggt	tttcttatt	gataccatat	tatggttagga	780
aagacatgga	ataaaaaatt	tagatagtaa	aaaaaaaa			818

<210> 7175
 <211> 1111
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (19)...(116)
 <223> similar to gi3928178 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7175						
ctcaggacaa	tctccagcat	ggcctggggg	cctctcctcc	tgactctcct	ggctcactgc	60
acagggtcct	gggcccagtc	tgtgctgacg	cagccgccct	cagtgtctgg	ggcaagaatt	120
ccacatgaga	agtaaaaaa	gtttacagta	ctcatgtgga	attcttggtc	ttcttccaaa	180
ctactaacat	catcatcatc	tgagctccca	gggtctgcga	gagatttaca	gtcctgacca	240
aaactttgtg	gcttttgata	gctatgctca	cttggttat	aagctccttc	catttttagg	300
ggcaaacgag	gtggttcttt	atggttctgt	acataattt	tttcttctcg	attaactgtg	360
tcttgagcta	tttttttctc	caccccagct	attatttgat	cttggtcttt	tcgcttccc	420
gaacaagccc	agagatgaag	gtcaggatga	tgtttattct	ttagtattcc	aatcttcagc	480
tgtagcccg	gtagcacttc	tgtaacacca	tagacatcag	caagcagggt	atgtgtagaa	540
actatctttt	tggcattgag	atgagaataa	ttttctttga	aaaatgataa	cccgcacatt	600
ctcccattat	tcaaccactc	cttatcataa	cgatattttg	cactccacct	ctgacctggg	660
gggtcccggc	agatatagca	gatgtactgc	tctggaatgc	tctcctccag	cagccccatg	720
cacacgctgt	gttgccaaca	caagcactct	tcacagtgga	tcatgaagcc	attctcctca	780
tcacatctac	aaatacatcg	cacaatttca	ttaagagcat	catcctcatc	ctgagattcc	840
tcaaaattgg	ttgaatcaaa	gtcctgattg	tattcatccc	cactcagaag	caaactctcc	900
gttgaagaat	catctaggaa	gtctacatct	gataagtttt	caccactaag	atcaacggat	960
agaattgccc	ttgggtactg	atagggtgta	gttttctccg	taaacatgct	tcgtgaagcc	1020
agagaactcc	cagaagatcg	agttagtggg	gaagagcacc	tttccaaaaa	ttcaagggaa	1080
ctgtcttcat	agtctgaata	gtcctcgtgc	c			1111

<210> 7176
 <211> 1917
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (47)...(1742)
 <223> similar to gi4679028 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7176
 cgacccacgc gtccgcccac gcgtccggct cgcaagcgag gcagccatgt cttatcccgc 60
 tgatgattat gagtctgagg cggcttatga cccctacgct tatcccagcg actatgatat 120
 gcacacagga gatccaaagc aggaccttgc ttatgaacgt cagtatgaac agcaaaccta 180
 tcagggtgatc cctgagggtga tcaaaaaactt catccagtat ttccacaaaa ctgtctcaga 240
 tttgattgac cagaaagtgt atgagctaca ggccagtcgt gtctccagtg atgtcattga 300
 ccagaagggtg tatgagatcc aggacatcta tgagaacagc tggaccaagc tgactgaaag 360
 attcttcaag aatacacctt ggcccagggc tgaagccatt gctccacagg ttggcaatga 420
 tgctgtcttc ctgattttat acaaaagaatt atactacagg cacatatatg ccaaagtcag 480
 tgggggacct tccttggagc agaggtttga atcctattac aactactgca atctcttcaa 540
 ctacattctt aatgccgatg gtcctgtccc ccttgaacta cccaaccagt ggctctggga 600
 tattatcgat gagtcatct accagtttca gtcattcagt cagtaccgct gtaagactgc 660
 caagaagtca gaggaggaga ttgactttct tcgttccaat cccaaaatct ggaatgttca 720
 tagtgtctc aatgtccttc attccctggt agacaaatcc aacatcaacc gacagttgga 780
 ggtatacaca agcggagggtg accctgagag tgtggctggg gagtatgggc ggcactccct 840
 ctacaaaatg cttggttact tcagcctggt cgggcttctc cgctgcact ccctgttagg 900
 agattactac caggccatca aggtgctgga gaacatcgaa ctgaacaaga agagtatgta 960
 ttcccgtgtg ccagagtgcc aggtcaccac ataactattat gttgggtttg catattttgat 1020
 gatgcgtcgt taccaggatg ccatccgggt cttcgccaac atcctcctct acatccagag 1080
 gaccaagagc atgttccaga ggaccacgta caagtatgag atgattaaca agcagaatga 1140
 gcagatgcat gcgctgctgg ccattgccct cacgatgtac cccatgcgta ttgatgagag 1200
 cattcacctc cagctgcggg agaaatatgg ggacaagatg ttgcgcatgc agaaagggtga 1260
 cccacaagtc tatgaagaac ttttcagtta ctctgcccc aagttcctgt cgctgttagt 1320
 gcccaactat gataatgtgc accccaacta ccacaaagag cccttcctgc agcagctgaa 1380
 ggtgttttct gatgaagtac agcagcaggc ccagctttca accatccgca gcttcctgaa 1440
 gctctacacc accatgcctg tggccaagct ggctggcttc ctggacctca cagagcagga 1500
 gttccggatc cagcttcttg tcttcaaaca caagatgaag aacctcgtgt ggaccagcgg 1560
 tatctcagcc ctggatggtg aatttcagtc agcctcagag gttgacttct acattgataa 1620
 ggacatgatc cacatcgcgg acaccaaggt cgccaggcgt tatggggatt tcttcatccg 1680
 tcagatccac aaatttgagg agcttaatcg aaccctgaag aagatgggac agagaccttg 1740
 atgatattca cacacattca ggaacctgtt ttgatgtatt ataggcagga agtgtttttg 1800
 ctaccgtgaa acctttacct agatcagcca tcagcctgtc aactcagtta acaagttaag 1860
 gaccgaagtg tttcaagtggt atctcagtaa aggatctttg gagccacaaa aaaaaaa 1917

<210> 7177
 <211> 981
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (27)...(354)
 <223> similar to gi4877775 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7177

agttggagcc	tgcggagttc	gagaccatgc	tgctgttctg	ccccggtgc	gggaacgggc	60
tgatcgtgga	ggagggacaa	cgctgccacc	gcttcgcctg	caacacgtgc	ccctacgtgc	120
acaacatcac	ccgcaaggta	acaaatcgga	agtaccctaa	actgaaagaa	gtggatgatg	180
tgcttggtgg	agcagctgcc	tgggagaatg	ttgactctac	tgacagatcg	tgtcccaaat	240
gcgaacatcc	tcgtgcttac	ttcatgcagc	ttcagaccgc	ctctgcagat	gagccgatga	300
ccaccttcta	caagtgcctg	aatgctcagt	gtggacaccg	ctggagggat	tagggccagg	360
atggcccagc	tgccctagt	tgtgcttgcc	ttgtccctcg	gggtagatgc	ttagctggca	420
gtatgagtcg	tgtgtcctga	gggtccttgc	tagtgtggtg	gaaagataaa	ccttttgagg	480
tgaagagcca	gggggtcagg	aaatatggcc	tatctgccag	gcagggtgga	tgaagtcag	540
aatgtctggg	agtttttctg	tgtggggagg	agacagagac	ccataactaa	atatgctctg	600
tgtaaagccc	tattctttca	tcttcactt	tattggcagt	tgacattccc	ttactcccaa	660
tcaacactct	taaatatttg	tactgtttgt	aaaacttact	acatgtccct	aaatatttaa	720
ctgcttccag	accagacact	ttggaaaagg	aggaaaatac	tacgtcctga	ggccactgag	780
ccacttatta	atactgctat	ccatctcttt	gccaaactctg	ctgccacttg	catagtgatc	840
acagacagcc	agggaggagc	atgtgtctgt	ttcaagcttc	tgggaattac	tgcggaaga	900
atcgcgaag	ctccctatgg	cactgtcagt	gtcctcatcc	ccatcaccca	caccatcatc	960
ctcatactcc	ttgaccttct	t				981

<210> 7178
 <211> 1814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (232)...(1215)
 <223> similar to gi431315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7178

gcggccccc	cctccagcat	cctcgagcga	tggtttctcc	cacaactacc	ccggccaggt	60
ccagcacttg	ggagctgact	gtgctggagg	tgacaggctt	tgcggggtcc	gcctgtgtgc	120
aggagtcgca	aggctcgtga	gcaggaccca	aagggtggcc	gaggcagccg	ggatgacagc	180
tctccccagg	aatcctgctg	cctgctgaga	aacatgggtca	gcaagtcccg	ctggaagctc	240
ctggccatgt	tggctctggt	cctggtcgtc	atggtgtggt	attccatctc	ccgggaagac	300
aggtacatcg	agctttttta	ttttcccatc	ccagagaaga	aggagccgtg	cctccagggt	360
gaggcagaga	gcaaggcctc	taagctcttt	ggcaactact	cccgggatca	gcccattctc	420
ctgcggcttg	aggattatct	ctgggtcaag	acgccatctg	cttatgagct	gccctatggg	480
accaaggggga	gtgaggatct	gctcctccgg	gtgctagcca	tcaccagctc	ctccatcccc	540

```

aagaacatcc agagcctcag gtgccgccgc tgtgtggtcg tggggaacgg gcaccggctg 600
cggaacagct cactgggaga tgccatcaac aagtatgatg tggatcatcag attgaacaat 660
gccccagtgg ctggctatga gggtagacgtg ggctccaaga ccaccatgcg tctcttctac 720
cctgaatctg ccacttcga ccccaaagta gaaaacaacc cagacacact cctcgtcctg 780
gtagctttca aggcaatgga cttccactgg attgagacca tcctgagtga taagaagcgg 840
gtgcgaaaagg gtttctggaa acagcctccc ctcatctggg atgtcaatcc taaacagatt 900
cggattctca accccttctt catggagatt gcagctgaca aactgctgag cctgccaatg 960
caacagccac ggaagattaa gcagaagccc accacggggc tgttggccat cacgctggcc 1020
ctccacctct gtgacttggg gcacattgcc ggctttggct acccagacgc ctacaacaag 1080
aagcagacca ttactacta tgagcagatc acgctcaagt ccatggcggg gtcaggccat 1140
aatgtctccc aagaggccct ggccattaag cggatgctgg agatgggagc tatcaagaac 1200
ctcacgtcct tctgacctgg gcaagagctg tagcctgtcg gttgcctact ctgctgtctg 1260
ggtagacccc atgctgtggg gtgggggtgg ctggtgccag tatgaccac ttggactcac 1320
cccctcttgg ggagggagtt ctgggcctgg ccaggctctga gatgaggcca tgcccctggc 1380
tgctcttatg gagccgagat ccagtcaggg tgggggctgct ggagccgtgg gagcccggcc 1440
agggcagggg gctcgttggc gtggcacccc ctctctgcca gcaccaagag attatttaat 1500
gggctattta attaagggg aggaaggtgc tgtgggctgg tcccacacat ccaggaaaga 1560
ggccagtaga gaattctgcc cactttttat aaaaacttac agcgatggcc ccaccaaggc 1620
ctagacacgg cactggcctc ccaggagggc aggggcattg ggaatgggtg ggtgccctcc 1680
agagaggggg tgctacctcc cagcaggcat gggaagagca ctggtgtggg ggttccaccg 1740
agaaggggac ctcatctaga aaagagggtta caaacctacc attaaactat ttttcctaaa 1800
acggaaaaaa aaaa 1814

```

<210> 7179

<211> 590

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (42)...(470)

<223> similar to gi28547 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7179

```

ccaagaattc ggcacgagca cagactcaga gagaaccac catggtgctg tctcctgccg 60
acaagaccaa cgtcaaggcc gcctggggta aggtcggcgc gcacgctggc gagtatgggtg 120
cggaggccct ggagaggatg ttctgtcct tccccaccac caagacctac ttcccgact 180
tcgacctgag ccacggctct gccaggtta agggccacgc caagaagggtg gccgacgcgc 240
tgaccaacgc cgtggcgcac gtggacgaca tgcccaacgc gctgtccgcc ctgagcgacc 300
tgacgcgca caagcttcgg gtggacccgg tcaacttcaa gtccttaagc cactgcctgc 360
tggtgacctt ggccgcccac ctcccccg agttcacccc tgcggtgcac gcctccctgg 420
acaagttcct ggcttctgtg agcaccgtgc tgacctcaa ataccgttaa gctggagcct 480
cggtagccat gcttcttgcc ccttgggcct cccccagcc cctcctcccc ttctgcacc 540
cgtacccccg tggcttttga ataaagtctg agtgggcggc aaaaaaaaaa 590

```

<210> 7180
 <211> 3161
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (131)...(1339)
 <223> similar to gi35272 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7180

ggctgcagg	ccaagagcgc	tgtcaagaag	acccacacgc	ccccctccag	cagctgaatt	60
cctgcagctc	agcagccgcc	gccagagcag	gacgaaccgc	caatcgcaag	gcacctctga	120
gaacttcagg	atgcagatgt	ctccagccct	cacctgccta	gtcctggggc	tggcccttgt	180
ctttggtgaa	gggtctgctg	tgcaccatcc	cccatcctac	gtggcccacc	tggcctcaga	240
cttcgggggtg	aggggtgttc	agcaggtggc	gcaggcctcc	aaggaccgca	acgtggtttt	300
ctcaccctat	ggggtggcct	cggtgttggc	catgctccag	ctgacaacag	gaggagaaac	360
ccagcagcag	attcaagcag	ctatgggatt	caagattgat	gacaagggca	tggcccccgc	420
cctccggcat	ctgtacaagg	agctcatggg	gccatggaac	aaggatgaga	tcagcaccac	480
agacgcgatc	ttcgtccagc	gggatctgaa	gctggtccag	ggcttcatgc	cccacttctt	540
caggctgttc	cggagcacgg	tcaagcaagt	ggacttttca	gagggtggaga	gagccagatt	600
catcatcaat	gactgggtga	agacacacac	aaaaggatat	atcagcaact	tgcttgggaa	660
aggagccgtg	gaccagctga	cacggctggt	gctggtgaat	gccctctact	tcaacggcca	720
gtggaagact	cccttccccg	actccagcac	ccaccgccgc	ctcttccaca	aatcagacgg	780
cagcactgtc	tctgtgccca	tgatggctca	gaccaacaag	ttcaactata	ctgagttcac	840
cacgcccgat	ggccattact	acgacatcct	ggaactgccc	taccacgggg	acaccctcag	900
catgttcatt	gctgcccctt	atgaaaaaga	ggtgcctctc	tctgcccctc	ccaacattct	960
gagtgccag	ctcatcagcc	actggaaaag	caacatgacc	aggctgcccc	gcctcctggt	1020
tctgcccag	ttctccctgg	agactgaagt	cgacctcagg	aagcccctag	agaacctggg	1080
aatgaccgac	atgttcagac	agtttcaggc	tgacttcacg	agtctttcat	accaagagcc	1140
tctccacgtc	gcgcaggcgc	tgcagaaaag	gaagatcgag	gtgaacgaga	gtggcacggt	1200
ggcctcctca	tccacagctg	tcatagtctc	agcccgcatg	gcccccgagg	agatcatcat	1260
ggacagaccc	ttcctctttg	tgttccggca	caaccccaca	ggaacagtcc	ttttcatggg	1320
ccaagtgatg	gaaccttgac	cctggggaaa	gacgccttca	tctgggacaa	aactggagat	1380
gcatcgggaa	agaagaaact	ccgaagaaaa	gaattttagt	gttaatgact	ctttctgaag	1440
gaagagaaga	catttgcctt	ttgttaaaag	atggttaaacc	agatctgtct	ccaagacctt	1500
ggcctctcct	tggaggacct	ttaggtcaaa	ctccctagtc	tccacctgag	accctgggag	1560
agaagtttga	agcacaactc	ccttaagggtc	tccaaaaccag	acggtgacgc	ctgcgggacc	1620
atctggggca	cctgcttcca	cccgtctctc	tgcccaactcg	ggtctgcaga	cctgggtccc	1680
actgaggccc	tttgaggat	ggaactacgg	ggcttacagg	agcttttgtg	tgctggtag	1740
aaactatttc	tgttccagtc	acattgccat	cactcttgta	ctgcctgcca	ccgcggagga	1800
ggctggtgac	aggccaaagg	ccagtggaa	aaacaccctt	tcatctcaga	gtccactgtg	1860
gcactggcca	ccctcccca	gtacaggggt	gctgcaggtg	gcagagtga	tgtcccccat	1920
catgtggccc	aactctcctg	gcctggccat	ctccctcccc	agaaacagtg	tgcatgggtt	1980
attttggagt	gtaggtgact	tgtttactca	tgaagcaga	tttctgcttc	cttttatttt	2040
tataggaata	gaggaagaaa	tgtcagatgc	gtgcccagct	cttcaccccc	caatctcttg	2100
gtggggagg	gtgtacctaa	atatattatca	tatccttgcc	cttgagtgtc	tgtagagag	2160
aaagagaact	actaaggaaa	ataatattat	ttaaactcgc	tcctagtgtt	tctttgtggt	2220
ctgtgtcacc	gtatctcagg	aagtccagcc	acttgactgg	cacacacccc	tccggacatc	2280
cagcgtgacg	gagcccacac	tgccaccttg	tgccgcctg	agaccctcgc	gccccccgcg	2340
ccccccgcgc	ccctcttttt	ccccttgatg	gaaattgacc	atacaatttc	atcctccttc	2400
aggggatcaa	aaggacggag	tggggggaca	gagactcaga	tgaggacaga	gtggtttcca	2460
atgtgttcaa	tagatttagg	agcagaaatg	caaggggctg	catgacctac	caggacagaa	2520

ctttcccaaa	ttacaggggtg	actcacagcc	gcattggtga	ctcacttcaa	tgtgtcattt	2580
ccggctgctg	tgtgtgagca	gtggacacgt	gagggggggg	tgggtgagag	agacaggcag	2640
ctcggattca	actaccttag	ataatatctt	tgaaaaccta	ccagccagag	ggtagggcac	2700
aaagatggat	gtaatgcact	ttgggaggcc	aaggcgggag	gattgcttga	gccaggaggt	2760
tcaagaccag	cctgggcaac	ataccaagac	ccccgtctct	ttaaaaatat	atatatttta	2820
aatatactta	aatatatatt	tctaatatct	ttaaatatat	atatatatatt	taaagaccaa	2880
tttatgggag	aattgcacac	agatgtgaaa	tgaatgtaat	ctaatagaag	cctaatacagc	2940
ccaccatggt	ctccactgaa	aaatcctctt	tctttggggg	ttttctttct	ttcttttttg	3000
attttgcact	ggacggtgac	gtcagccatg	tacaggatcc	acaggggtgg	tgtcaaatgc	3060
tattgaaatt	gtgttgaatt	gtatgctttt	tactttttga	ttaaataaaca	tgtaaaaatg	3120
tttcaaaaaa	ataataaaat	aaataaatac	gaaaaaaaaa	a		3161

<210> 7181
 <211> 1238
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (1168)...(197)
 <223> similar to gi434751 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7181		
tttttttttt	ttattttcaaaa atgataaaaaa tttattgtct ttctggccta tggactcagc 60	
tgtagttgac	tgaagtcgct aaacaggacg gatttaagta gaggtgatat gtccagtcac 120	
cggcatagag	acgtcctctg cgtcaccatc cacacacagg gcttctggta gacatcaggc 180	
aaagccctcc	atgttaatat tcatctgaat atggataatt aggggtggcta gcaaaaactat 240	
cactgttaaa	atagtggaga tttctgtcta ggccatctat ggctttcatg tcctctgcag 300	
tcaactggaa	ctcaaaaacc tgcacgttct gtctgatgcg ctgctcattg tagctcttgg 360	
ccaggaccac	aacccccacgc tgcagctggt agcgcagggc aatcagggct ggggttcgct 420	
tgtgcttttt	tgccaaggca caaaggactg ggtcctccaa gagcaccggg gagttcgggt 480	
ccacccatcg	tttgtctcgt tgagatccca gagcactata ggcaaccaga acaatatctt 540	
tcgacttgca	gaaatctagc aatttactcc ggttgaaata cggatgacat tctacctggt 600	
tgcagacagg	cttgactttg agtcctggct tgttgaggat catctccagc tgcctgcggt 660	
tgaagtttga	caccccaatg gacttggcca atcctgcac cttacacttc tccatggcct 720	
cccagggtgt	acagagatcc actatgtcaa atattacttt tccattttca tctgttggtg 780	
aaagttcctc	acctggcttt agagacattg gagaatgaat aagatagagg tcaacatagt 840	
ccaattgagc	ttttttcagt gagttttcca aggctggctg gaccaactct ggtcgatgaa 900	
aagtggacca	aagctttgaa gtgtagaata tgtcttctct cttcacactg ccatctgcaa 960	
tcttgcttcg	gatggccagt ccaacctgct cctcattatt gtataaatga gcagaatcta 1020	
tatggcggaa	cccagcttct attgctaatt ttgtgacctc caaagcttta cttctcgga 1080	
cctctggagg	tgcatagggt ccaaatccca atacaggcat gaagtggcca tcatttagct 1140	
ttacacactg	ctgtttggaa tccattccct gtcacttgct tgactagcaa atgtttgctg 1200	
ctgcttctcc	tcagcccacg cgtccgcccc cgcgtccg	1238

<210> 7182
 <211> 340
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(183)
 <223> similar to gi207318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7182
 ggcacgagat tttttgttca gcaacctaca agaatcctac tcggagaccg gggataacct 60
 aaacgatagc gcttatatca aaaaattcta taagtccaaa cttaagaaca cacagacaca 120
 tgataaaaaat ccactgcctt ccaaagaaac tattgaacac gataatcaag caagcgaatc 180
 gtaatgatgc gtgcgccgcc aatatgcact gtacattcca caagcattgc cttcttattt 240
 tacttctttt atctgtttta ctttgaaga tgcaaagagg ttggatcatg tttaaatgac 300
 tgtgctgccc ctttcacatc aaagaactac tgacaactag 340

<210> 7183
 <211> 3100
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (315)...(1990)
 <223> similar to gi4704427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7183
 gctcagtagc gatagcagcg gccgtggagg tggcgttggg gactgttttc tctcggaggc 60
 cggagcggag ccgcgtctga ctgaggcggg cagcaagcgg cccctcgcct ccctccctcc 120
 ctctcccgcg ccctccccgc cgccaccagc cgtcaaacgc caaccgccgc tcctggggag 180
 gagccgcggc tcgcggggcc ggagccaggc ctgcgtccgg acatcagccg gagccggagc 240
 gagagccggg gcctcggcgt ccccgccctc tccccgcctc ggccagcgtc cgccggggcc 300
 ccgcgcgtcg cgccatggac tcggacgagg gctacaacta cgagtctgac gaggacgagg 360
 agtgcaagtga ggaggacagc ggcgccgagg aggaggagga cgaagacgac gacgagccgg 420
 acgatgatac cctggatctg ggcgaggtgg agctggtgga gcccgggctg ggcgtcggcg 480
 gggagcggga cggactgctg tgcggggaga cgggcgggtg cggcggcagc gctctggggc 540
 ccggcgggtg cggcggcggc ggcgccggcg gtggtggtgg cgggcccggg catgagcagg 600
 aggaggatta ccgctacgag gtgctcacgg ccgagcagat tctacaacac atggtggaat 660
 gtatccggga ggtcaacgag gtcattcaga atccagcaac tatcacaaga atactcctta 720
 gccacttcaa ttgggataaa gagaagctaa tggaaaggta ctttgatgga aacctggaga 780
 agctctttgc tgagtgtcat gtaattaatc caagtaaaaa gtctcgaaca cgccagatga 840
 atacaaggtc atcagcacag gatatgcctt gtcagatctg ctacttgaac taccctaact 900
 cgtatttcac tggccttgaa tgtggacata agttttgtat gcagtgctgg agtgaatatt 960

taactaccaa	aataatggaa	gaaggcatgg	gtcagactat	ttcgtgtcct	gctcatgggt	1020
gtgatatctt	agtggtgatg	aacacagtta	tgcgcctgat	cacagattca	aaagttaa	1080
taaagtatca	gcatttaata	acaaatagct	ttgtagagtg	caatcgactg	ttaaagtggg	1140
gtcctgcccc	agattgccac	catgttggtt	aagtccaata	tcctgatgct	aaacctgttc	1200
gctgcaaatg	tgggcgccaa	ttttgcttta	actgtggaga	aaattggcat	gatcctgtta	1260
aatgtaagt	gttaaagaaa	tggattaaaa	agtgtgatga	tgacagtga	acctccaatt	1320
ggattgcagc	caacacaaa	gaatgtccca	aatgccatgt	cacaattgag	aaggatgggt	1380
gttgtaatca	catggtctgt	cgtaaccaga	attgtaaa	agagttttgc	tgggtgtgtc	1440
ttggcccatg	ggaaccacat	ggatctgcct	ggtacaactg	taaccgctat	aatgaggatg	1500
atgcaaaggc	agcaagagat	gcacaggagc	gatctagggc	agccctgcag	aggtacctgt	1560
tctactgtaa	tcgctatatg	aaccacatgc	agagcctgcg	ctttgagcac	aaactatatg	1620
ctcaggtgaa	acagaaaatg	gaggagatgc	agcagcaca	catgtcctgg	attgaggtgc	1680
agttcctgaa	gaaggcagtt	gatgtcctct	gccagtgtcg	tgccacactc	atgtacactt	1740
atgtcttcgc	tttctacctc	aaaaagaata	accagtccat	tatctttgag	aataaccaag	1800
cagatctaga	gaatgccaca	gagggtgctct	cgggctacct	tgaacgagat	atttcccaag	1860
attctctgca	ggatataaa	cagaaagtac	aagacaagta	cagatactgt	gagagtgcac	1920
gaagggtttt	gttacagcat	gtgcatgaag	gctatgaaaa	agatctgtgg	gagtacattg	1980
aggactgaga	aatggcccc	gcattaaaa	gaactctgaa	aacttttacc	atcctagaag	2040
tgctcatgca	attaaaaa	acaaaaa	gcaaacacaa	acaaggaggc	actaagccta	2100
ttctgacacc	actggtctgt	agtaccagaa	ttgttttggt	aatggaaagt	ttaagttaa	2160
tatattgtaa	taaaaaggt	gataaaccat	tgtacaacag	tattctaggc	cgccaacaaa	2220
agtgtgacag	acacactaaa	agccctccaa	ctttaacttg	taacgtagct	tcatttctca	2280
agctgactcc	ttttttttct	ttttcctttt	cctgagtgt	gtacagttaa	aatttcaaac	2340
agtccttga	cactgctttt	catgttcaaa	ccagccattt	tggtgtactt	tggtaaagga	2400
cctcttcccc	ttcctcccct	acacatacag	atacaccac	acacagactg	actctctttc	2460
tctcataccc	caaggtcatg	agtgaatgat	gcttagttcc	ttgtaaagaa	aatcttgagg	2520
tggggaaagg	ggtaggcagc	aagaggattc	aacaaacgaa	aaacataaaa	actttgtata	2580
tgacttttaa	aacaagagga	caacacagta	tttttcaaaa	ttgtatatag	cgcataatgc	2640
tggacaaagc	aagcgtggca	cgtgtttgca	taatgtttaa	ttacaaaaaa	atattttattc	2700
tttaaaaatc	ttcaagatta	tgtctatttg	ctgtgcattt	tctttcagtt	tgcttatctt	2760
tcccgggttg	gggttgggat	aaaggtgtgt	cggtttagca	cctctggaag	acctatctag	2820
agctctttca	ctttcctgag	gttattttgc	cctttctggt	gttggtatgt	ctgttgccgg	2880
ccatgggcct	catgccttga	attcctgctc	ttgatcaggt	acaaggagag	tcaagctctg	2940
gactaatgcc	atgacctgga	tttaaggggg	tacagcaggg	agttttgttt	gctacagctt	3000
catggaattt	aacctggtcc	caacctaaat	ccccctccat	gggcatccag	gcctctaccc	3060
aagcctttgt	gtggcccatg	gttatggcac	acagctgttt			3100

<210> 7184

<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1731)...(1061)

<223> similar to gil82261 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7184

tttttttttt ttactcaa at gggtttttatt ttcctatctg acatttctaa caaaacgccca 60

ggtagacgga	gttaaaaaaga	atccaccgca	cgaaaggtaa	acaaagcaga	ccctcagaaa	120
ctccctggca	aggatgttcc	cctccccaga	ttggcccagt	ttcaccagca	actggtctca	180
gctcagcctt	atgcctttcc	actgacaccc	cccaccctc	cacattctcg	tgattcagac	240
caggaacttc	tcggctgatt	gtgtccgtgt	gtctgagggg	ggggcacgct	ggaacctggg	300
aacctactgg	gcacctctaa	tgcagatgag	aaaaacttga	gaatgtgaaa	gtagatcagt	360
ccccgctccc	acccgaaggt	gcagagacgc	gggacattaa	ccagcagcac	gcgggggtga	420
agtaactcag	gccactctcc	tccccactgc	ccagggcggg	tgcacgcccc	aggacctcct	480
cccaggcccc	acacccacgc	aaggcgacag	gaagctcccc	acgcctgccc	catgacgcaa	540
cgatgaccgc	ttatacaagt	atgtcagcgg	agggggaagg	ggagtgcctg	gaattctccg	600
agggttgaaa	cgaaaaacca	actcttgaaa	aaccttgaaa	gggccagcac	agcccacagt	660
acaaaatgaa	gtccgaccct	gaggagatct	ttaaaaacaa	acaaacaaac	aaaaacaaaa	720
acacaacacc	caagcctccc	ttctcccagt	ccagaaggag	agcgaaaagg	tcacgtccca	780
gtccactaag	acagcacctg	tgggcgcagg	tctctgcgga	aggcgcccg	gccccggct	840
cagactcttc	ggtgccgtcc	ctgcacactg	aaggcgatgg	ctccccggg	acagagtccc	900
tctccggggc	tctcagcagc	ccgggcggcg	gcttctctcc	acggttttcg	cgggcgcttc	960
ccccaggatg	gaggggggtg	gcctcgcttc	aggtctgcgc	cctcgggccg	acggttcgac	1020
gcgcgctctg	ggctccggca	gcgccgctcg	gggtcctcag	aaggccacca	cggcccgcac	1080
gagcacgttg	agcatgctgt	ccgccggggc	gcaagcgggc	tttgccctcg	acgcggggcg	1140
cgccgtcgga	ggggccgcgg	ggctgcagtt	caggaggccg	gagaagcgcc	tctgcaggac	1200
gcgggcccag	ttgggaaagg	cgccctccgc	ttgcgccgga	gggggctgca	ggcgatcggc	1260
gacttcggat	gacgctccct	cctcttcttc	cttttcttcc	agacgggctt	tcttgctcgg	1320
gaccagtcca	gcgtccccgc	cgctcgctcag	gctgctgctg	cgctgtttgc	ggctgacttt	1380
ggcgggggcg	ggggcacagc	aggcggaagg	ctcctcggt	gtcggcgct	cctgcgtgtc	1440
cattggctcc	ggaaacgggt	gctcaccgtc	gggggtcgct	gtctcggccg	tggactcggc	1500
ttctcggggc	gggtgcaggc	gagggtcaga	ggggagggcg	gccggcaacg	acacctcggg	1560
ctcgaggggc	tccaccttg	ccgagaggta	gagctcccgg	gcgctgcgca	tgaccagcga	1620
cagctgcaga	ctccggtgca	gccgcaggcc	accgcgctgc	atgcgggagt	gatacatctt	1680
ccacaccgac	agggatcatga	tgcgtgtgtc	ctctttctgc	acttccatgg	cgactcgacg	1740
gcgacagcgg	cgggggctcc	cgggagggac	agaacaggca	gcaggtgcac	tccggacaac	1800
gggctcgctc	aaaaactctc	tacacaaacc	aaccacgca	gtg		1843

<210> 7185

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (169)...(729)

<223> similar to gil59333 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7185

tttttttttt	ttaagggttg	tcgtgcaggt	agaggaaatg	agagtgatta	cagaaaactg	60
gaagaaatgc	accaaagatt	cctggtttca	gagcgttcaa	aagatgatct	tcagctaaga	120
cttacgagag	cagaaaatag	aataaaacaa	cttgaaactg	actcctcaga	agaaatatca	180
cgttaccaag	aatgattca	gaaacttcaa	aatgtattgg	agtctgagag	agagaactgt	240
gggcttgta	gtgaacaaag	gctaaaactt	cagcaagaaa	ataaacagtt	acggaaagag	300
actgagagtt	taaggaagat	tgccctggag	gctcaaaaaa	aagccaaagt	aaagatcagt	360
acaatggaac	atgaattttc	aataaaggaa	cgtggatttg	aagttcaatt	gagagagatg	420

gaagacagta	atagaaattc	cattgttgaa	ctgaggcatc	tcctagcgac	tcaacagaag	480
gcagccaata	ggtggaaaga	agaaacgaag	aaacttactg	aaagtgcaga	aattagaatc	540
aataatctaa	agagtgaagct	gagtcgacag	aaacttcata	cccaagagct	gctttctcag	600
ctggaaatgg	caaataaaaa	ggtagctgag	aataaaaaagc	taattctaga	gcatcaagaa	660
aaagccaaca	gacttcaaag	gcgtctaaag	caggcagaag	agagagctgc	ttcagcttcc	720
cagcagctca	gtgtgattac	agtgcagaga	agaaaaagcag	cctccctgat	gaatctggaa	780
aataatttaaa	aataattcata	gttcactcac	agaacttttag	agttgggaaa	gcagttggac	840
tagaagtg						848

<210> 7186
 <211> 1678
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1613)...(280)
 <223> similar to gil359443 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7186	
tttttttttt	ttagaccga gttttataag aaatttattt tttcacagat acagaacata 60
aatccaagaa	aaattattat tattttttcac aattatgact aaatcatggt atttctagtt 120
atttacaagt	actacaatgt tctatgcatt tcttcatcct agacattaat aaaacacatc 180
cctttggtct	tagatacttc tctttggtct gtgtttttctc ctttctgaat tttaattcttc 240
tgtgatgtga	ggaaattttac gtgaaccttt cacatatcta tttttttcct tgtgcacagt 300
tgataatttc	ctcccttaga ttccctattt gctcaaaaagg caaatcctct aagaagtcac 360
ctgcagccca	tagcattcgt ctgagagcag aaagaattag aacatccttt acaggggtcca 420
gctcccactc	agaggaataa ttgctaacca ccgagatgtc agaaagagca aatccaagtt 480
ttctttggac	ttcctctagc ttggacctca caggctcaca tctctctatt tctataaggt 540
caccttttgt	aatcaaatcc atgctatcca catgagtgtg caaagccaca tgtaccacac 600
cagcgtttac	caactccctt cgaattcctt tgatctttac tatcatctga gaggagaagt 660
attgaataga	gctggcatca aatacaaatg ccacacaatg aattctgtcc ttcagcgatg 720
gggaatcaat	gtagtcatga tgattttaatt tgattgattc catgggatta aactggtatc 780
tatcacgaat	gttaccggtc aagatataga atatgtcatc cctgcacagg ccgccttctt 840
tctcactcag	ccccagtgtg tcacacagaa taaacggcag gtatttgcca tctttcccgt 900
ctctaataga	gtatgtccta tactttctcag atatcccagt tgtatttagtg cccaccaaaag 960
cctgatgcgt	tacatgccct tggaaaacag acctcactga gttgaaaaag ctggacttcc 1020
cagctccaat	tggacccagc agcagaattc gtatttggtg aaccagggat ccatatgggt 1080
cataagttct	caaggcagac agtaagctct tctgagctc aatgacccct tttatctttc 1140
tttcatccag	tgaatcttcg catcgaaaaa cttcataatc ctgaatagag atagtacaat 1200
tttgagcaag	tccaagattt tccattgtct ttaagtccat aatcactttt ctatttcttc 1260
catctatctg	gaaattagtt ggggagttat attttgtaac atcacaacaa aacagtgttt 1320
ctggtgtaca	tagtcctagt ttccattctg aaattttagt atcttgaaagt gcaaaaagga 1380
tgatggaagc	atactttcct tcttggtaac tctcttctgc atatgtcca ataatatgat 1440
cttcactata	aatcactgtt agagtaggcc cttgattaca acatctgtca agcaaaactc 1500
cattacggaa	tccatggaca ctacccttat agagaaggct aagccgcttc cctccaaaat 1560
gattttgcag	gatcttttcg tgcaaccatg tcaaacgagt tgtcactgcc atacttcttg 1620
atctgttgta	ctgtctgtag tatcagctag agctgagggt agctgctctg tctggata 1678

gacaaactcc	ctctatcaag	ccttttcata	agggcacctg	atccccattcg	caaagctcta	360
tcttcgtgac	ttgacttaat	cacttcccaa	aggtcccacc	tcctaatact	tacactgttt	420
caacagtaaa	cagtttatgt	agagtttcaa	cataaattaa	ggagggggaca	aaacatccaa	480
accaaggaag	gctgggaggg	aagccagagg	gaaagtgcaa	gaggagggtt	ggtggaggtg	540
tcctagattg	tttgacgtcc	aaggagggtg	gggagagtgt	aacaggcctg	ccttggtatc	600
cctgctctgc	agtcactggc	taagagcagt	ccttaggaag	cacagcctgg	cacaaataca	660
acaagaatat	gtgctcagta	ggaaagagac	cacatttccc	caatagccca	ggtaatgccc	720
ttccctcaac	tggcatctct	gttccctaaa	cattgacctc	ttttctctga	atctcttggg	780
gacacatggg	ttgaattcag	gttctctgta	gccctctgga	ttctgtctgc	ctctgttata	840
tcttcacgaa	caagttatgc	agcctcaact	aaagcttgta	acaaagcaaa	gttactctcc	900
tgagtgtgtc	ctctgatgga	tggtgagata	taacttcaag	atgaagcctc	accacactc	960
cctgtacaaa	aacgcttctc	acgtaagtgt	tcctttaagt	gcttactgta	gtatgactta	1020
ttgctaaact	ttcgtccaca	ctcttggcat	tcataaggcc	tctctcctgt	gtgtattctt	1080
tcatgcacag	tgaggctctga	cttactggta	tagcctcgct	tacactcctg	gcaaacaaaa	1140
ggcttctcct	ttgagtgtat	ccgccagtgg	tgtctggtga	gacttctctt	ccagctgaag	1200
ccttgcccac	acacattaca	cacgaagggc	ttctcccctg	agtgtgtcct	ctgggtgtgtg	1260
aggagatttc	ccttccagtt	gaagcctcgc	ccacactcct	tgcatacaaa	aggctgcttg	1320
ccagaatgtg	caagctgggt	tttcacaaga	tttgacttcc	agataaatcc	ttgccacat	1380
tcactacaga	tgaaaggctt	ctcccctgag	tgtgtcttct	ggtggaagag	gagagtgtgat	1440
tttaggatga	agcctcgccc	gcaatccttg	caattaaatg	gcctttcccc	cgagtgtgtc	1500
cactgatgtc	taagaagatt	tgccttcaaa	ctaaaacttt	tctcacactg	cttgcacatg	1560
aagggcttct	ctcctgagtg	tgtcctctga	tgtatggtga	gatttggctt	caaggtaaag	1620
cctcgcccac	aatccctgca	gaaaaaacgt	ttctcaccga	agtgtgccct	cagggtgctg	1680
ttataggagg	acttatcccg	aaaccttcgc	ccacactccc	gacatccata	aggcttctcc	1740
tctgagtgtg	tcctctggtg	taaagtgaag	gttgactttt	ggataaaagcc	tcgtccacag	1800
tccttgacaca	caaaaaggctt	ctcctctgag	tgtgtgatct	gatgtttcac	aagggttgac	1860
ttctgaataa	atccttgccc	acattctcta	caaacaaaag	gtttctcccc	tgagtgtgtt	1920
ctctggtggt	agacaagagt	tgacttttgg	ctaaagcttc	gctcacaatc	cttgcacaca	1980
aaaggcttct	cccctgagtg	tgttctctgg	tgtctgagga	gacttccctt	cacgctaaaa	2040
ccttgcttac	actgcctgca	cgcaaagggc	ttctcccctg	agtgtgtcct	ctggtgtgtg	2100
ataagggtgtg	acttattgct	aaagcctcgg	ccacactcct	ggcatctgta	aggcttctct	2160
cctgagtgtg	ttctcttggt	cacaacgaag	tatgacttat	tagtatagcc	tcgcccacac	2220
tccttgacaca	caaaaaggctt	ctcccctgaa	tgccgcttca	agtgccttgt	gtatgaggac	2280
ttatcggttaa	accttcgccc	acactcctgg	cattcataag	gcttctctcc	tgtgtgtgtt	2340
ctctcatgca	cagtgaagta	tgacttactg	gtatagcctc	gtccacacac	cttgcacaga	2400
aaaggcttct	ctcctgagtg	tgtcctctgg	tgtctgagga	ggttggcctt	gaggctgaag	2460
cctcgcccac	acacactgca	cacataggac	ttctctcctg	tgtgtgtgtt	ctggtgcaag	2520
agcaatgctg	actcatctct	aaagccctgg	tgacactccc	tgcagtataa	aagtttctgc	2580
ctggaatgtg	cttttttggt	tatgattacc	atcatcttcc	ggctgaagtc	ttgccacgc	2640
tctgcacact	tgaatgctcc	ccatcttgaa	ttttctattc	ctttcaatac	tttgtctatt	2700
tctgtaggat	tttccctctg	gccttgacta	gactctattt	ccactacact	gttcctcctc	2760
cttgagctta	ctgcatgtct	taggggtggg	ctggaaaatg	ccatgggctt	agtgcctttt	2820
tctttctctt	gaccttcagc	tgtgtcactc	tggaaagctt	gatcagaaaa	ttgtagttgc	2880
tgttgccctc	gatgtgcaag	tccaagattc	ttgggccgca	ggacatgttc	tgcataatatt	2940
cctgcacagg	ggcctggccg	gcgtcttctc	tcttctcccc	agggcacttc	cccttgcctc	3000
agccgacctga	tgagttctgg	tttagaatgg	agaattccta	gtgagaccag	gtggctgtag	3060
ttctccagtg	tcacctccct	gtacagggcc	ctctgagcag	ggctcagcag	cctccattcc	3120
ttctgggtga	aatccacagt	gacatcccca	aatgccaaaga	aagcctgtct	cctggctccc	3180
tgagggtccca	tgactgtctt	cctgctctcc	acggagaagg	gaagcttgca	gatggccaat	3240
ctgtggcagg	agagaagtca	gagggtggct	gggtgcagct	gccctcccca	tgtgtgacag	3300
ttggtgtgat	tccaatacca	gctggggatc	tggggagggc	gcacctgcac	aattccccctg	3360
tggggatctg	gccaaaaggt	ttaggagacc	aggctccctg	caaataccagg	acaagctcat	3420
ctgggagctc	agtgtgcccc	aggagctggg	tgacgtttgc	agcaaacatc	aaagaggggc	3480
taaaaggatg	aggtacacca	gcagatgagg	tcttgccgga	cgcgtaggtc	gatacggnac	3540
tttcgcacgg	tcgtactgat	ctcaggattt	tattaagtct	cg		3582

<210> 7189
 <211> 415
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (128)...(261)
 <223> similar to gi2125810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7189
 cgtcaggctc ctgcaacccc aggcataaac caagggtttct gaactactgg gcgggagcca 60
 acgtctcttc tttctcccg cttggcggag gctttgtcgc tgcgggctgg gcccaggggt 120
 gtcccccatg gcggggccgc ggggtggaggc cgatggcagc atcatggaag ggggcggcca 180
 gagcctgaga gtctctacgg gcttgagctg gctcctaagc ctcccctggc gggcgagag 240
 aattcgagcc gggcggaggt acgcctagac tgtgagctca acattcaact ggactgaaac 300
 gggatcgcca gacgggaggt gggcatctgg gaagacgcct gagctgggtc agcgattta 360
 gagggctcgc cttgcacgat ccagaccgtg aggcacagtg gtcgacatac gagag 415

<210> 7190
 <211> 3029
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3030)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2584)...(0)
 <223> similar to gi5360085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7190					
ttttttgttt	tttttttgat	gctcaacagg	atctcacggt	tattgagaag	tgattaatgg	60
taaaaagaaa	ggcaatgccc	tttcctcatt	ggctgaacaa	gaaactgaag	aaacattcac	120
ggacacgttt	taacagttatt	tttctcttcc	aaaatgcatt	tctgtaaacg	agtttttacc	180
actgtttctca	gctttgaaat	caaattaatc	ctgacttaat	cagtataatg	tacaagaaca	240
gaacattttct	taggactcct	agtactttac	tttgagtaac	aaaagggtcag	agaaaatgaa	300
ccacccttaa	agacacaacc	ttgggtaaca	ctgttatatt	ctcctagaca	aaaattcttc	360
ataaaaaatgt	tcttccagtt	cggaggata	aatcaaat	cccactttct	ggggtggatg	420
cccaaacct	tcacaactca	agtgttctcc	aagtgcaa	gtcaaatgg	gaggaggaaa	480
gggtttaaaa	attagagaaa	actgtatgca	cttacggact	taaaaatccg	aaaaacatag	540
taaaaagaca	aaaaaacata	gcattatgct	ctgaaatcac	aaccaaagcc	aaaataaaag	600
ggacattttt	cacctaaact	acctagaggg	attttttgg	tagttttttc	tttttctttt	660
ttttttcatt	ttccagttaa	gtcctatgtc	ttttgtgaaa	ttccaatact	taaactgcaa	720
gtctgcaatc	gtctctgaag	tcagtgaat	taagaaaaaa	gtcctaattc	tcttgaagg	780
cattttttcc	tcttaggata	tgcagatgca	accgttgctg	cagtctgtgt	agaactgcct	840
tttattttcc	acgacctga	cgttcctttt	taacactttc	ttcttctct	tggcggttct	900
catagtgtga	gaagtcatca	aaaatggaag	tgggtgtgct	gtagctggt	ataattttca	960
acacctgctt	agccttttcc	agaggcactt	cctgagtgtc	cctagagtgt	gtcactgggt	1020
tattctcggt	gttctctagg	cgaatgtgtc	gcagttggct	attgggaacg	tccttcacaa	1080
aaatccacct	gacatcaaaa	cgacccttcc	atttgtcctg	ggaccacaca	cctgcacatg	1140
tggtgtagtc	cacagcagat	ttcatttctg	ccacgccaca	gaagtgtcca	ctgccgttga	1200
cactgaaaag	taagtaaacg	gggcctttcc	cgttcattgga	acgataagca	gcatccagtc	1260
tcttgttacc	atgctctgtg	ctgcacccaa	tattatactt	aatggaacgg	tgaatatcgt	1320
cctcagagta	gctcttaatg	atgaaaaccc	ggccatgttt	cagattccag	tcaaaatctt	1380
tgggggtata	gttattaatg	gaccgaagct	tctccaacac	tgggtgggg	tctgaaggag	1440
tagatccaga	accagcctga	gactgtccta	ctccattacc	atccacccca	ttatgaccga	1500
accactgcc	acgggtccga	ggtgctaccc	agcgggttgg	ctgagctgcc	tgttgctgga	1560
ctgaaagctg	ggcaggctgt	ggtggagggtg	gaggcaatgg	ctgtgtctgt	tgccctactg	1620
atgcttgagc	cactggtggg	ctattgttag	cctgtgacc	tacaggctga	ggagaccct	1680
gggttggtg	acctatattc	tgaaccaaag	cctgtgagg	ggcttttgca	acgggaccct	1740
tgttatccca	agttccaata	tccatgttat	gctttatcgg	gggtggcgga	agacttgacc	1800
ctgcaatgcc	attcttggtc	ttcagtttag	gttgctgttt	tgcaggcttg	ctagcaatat	1860
cagcccaaga	tgtgtgtttt	ggaggagcaa	tgggtggtgg	aggcaacta	ttggaagcca	1920
cgatgttact	agtaatggac	ccgctacca	cagcagaacc	tacaactttt	ggaacattgc	1980
ttgcaacttc	tgtgtacccc	aacttcagtg	ctgccatccc	ttgggtctata	gtattcatgc	2040
caggagcctt	attgaggggtc	tcattggcaa	aagctgactg	tccatcaatc	atggctccac	2100
ctaaggagct	aggtgcataa	gcataattgc	tactatatcc	agagctctga	gtagactgtc	2160
cctgagaact	gttattttcc	catgctgaga	agtcaatccc	actgggaaag	aaattaaaac	2220
catgctgacc	aagaaatgga	gtgctaccta	gggtcctgg	ttgcccaaac	attgcatctg	2280
gtaggaagtg	gggtctccg	ttgctcagct	gtccataaga	agttaagtag	ggcatggctg	2340
tgtcaccccc	cgtagaccaa	gcagcttcac	ccaaagaata	ggagaagcca	atggagggac	2400
tgtagtaact	gggtaagtag	gaatctgaca	tggcagtata	tgcattattg	ggccttgcc	2460
gtggactcaa	gtaagggttca	aaatcatcat	cgtttaatcc	atccttttga	tgtacagatc	2520
cattttgtac	tttgtttcct	tgaccttttg	gtctctgtc	caagaggctg	ctggccgaca	2580
tggctctcag	atcctcacgg	gcggcgacgg	cggcgaaactc	tcctcagcgc	ggcgggcg	2640
gcagatgagc	cccggtgcg	ggagcagggc	gaggcttttg	tcctgacac	tcgggggcct	2700
cggcgagcgc	agcgagagaca	cagcgcgcg	cctaggctcc	ggctccgact	cggcgagcgt	2760
ctagcccaag	agctcaatgc	ccgtctctat	gcttttacgc	gcgcgcgcgc	ccccacgcgc	2820
ctaaagcaga	gcgcgaaca	gcggaggcg	gcggcgcgcg	cggcgcgagc	gctgactctc	2880
acattcactc	acccacgcgg	aaggggcccc	gcgcgaagaa	ccccgggaag	ggagaggccg	2940
gccgctgcgc	cctctggcgg	attggaggag	cgggaagctgt	gctcacggnn	ctcccgccct	3000
caccggccca	ggattaaggc	ctaggggggt				3029

<210> 7191
 <211> 4377
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (53)...(1979)
 <223> similar to gi4240171 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7191

gaaccgctcc	ggaatttccg	ggtcgacgat	ttcgtgaaga	ggctgaggga	ggcgggtgtcg	60
ccgccgcggc	gctgtcatgg	agctagcgca	ggaagcgcgg	gaactgggtt	gctgggcggt	120
cgaagagatg	ggggtgcccg	tggcgcccg	ggccccgaa	tcgacgctgc	gcaggctgtg	180
tctgggccag	ggggctgaca	tctgggccta	catcttgacg	catgtgcaca	gtcagaggac	240
tgtcaagaag	atccggggaa	acctactctg	gtatggccac	caggacagtc	cacagggtccg	300
tcggaagtta	gagctggaag	ctgctgtgac	ccgcctgcgg	gcagaaatcc	aggaactcga	360
ccagagcctg	gagctgatgg	agcgagacac	tgaggctcag	gacacggcca	tggagcaggc	420
acgtcagcac	actcaagaca	cccagcgctc	agctctcctc	ctccggggccc	aagctggggc	480
catgcgaaga	cagcagcata	cgctccgaga	tcccatgcag	cggctgcaga	atcaactgag	540
gcgcctgcag	gacatggaga	ggaaagccaa	agtagatgtg	acctttggat	ccctcacgtc	600
ggcagctctg	ggcctggagc	ccgtggtcct	gcgtgatgtc	cgaacagcct	gcaccctccg	660
ggcccagttc	ctgcagaacc	tctgtcttcc	ccaggccaag	aggggcagcc	tcccaacccc	720
tcatgatgac	cactttggca	cttcgtacca	gcagtggctg	agctcagtgg	agacgctgct	780
gacaaaccac	cccccaggcc	acgtcctggc	tgccttgag	cacctggctg	cagagcggga	840
ggcagagatt	cggtccctgt	gcagtgggga	tgggcttggc	gacacagaga	tatccagacc	900
ccaggccccg	gaccagtcag	actccagcca	gacctggccg	tccatgggtc	atctcatcca	960
ggagggtctg	cggactgtgg	gtgtgctggt	ctcccagcgg	agcacccctc	tgaaggagcg	1020
gcaagtcttg	accagcgcc	tccagggcct	ggtggaggag	gtggagagac	gcgtcctggg	1080
atccagttag	aggcaggtgc	tgatactggg	gcttcggcgc	tggtgcctgt	ggacggagct	1140
caaggccctg	cacgatcaga	gccaggagct	gcaggatgca	gctgggcac	ggcagctcct	1200
gctgagggag	ctacaggcca	aacagcagcg	gatcctgcac	tggcgccagc	tgggtggagga	1260
gacccaggaa	caggtccgcc	tgctcatcaa	gggaaactcg	gccagcaaga	cccgcctgtg	1320
ccggagcccc	ggggaggtgc	tagctctggt	ccagcgaaag	gtgggtcccta	catttgaggc	1380
agtggcacca	cagagccggg	agctgctgcg	ctgtctggag	gaggaagtcc	ggcatttgcc	1440
ccacattctg	ttgggcacgc	tgctgcggca	caggccggga	gagttgaagc	ccctgcccac	1500
ggtcctccca	tccatccacc	agctgcaccc	cgcgtcccca	aggggctcca	gcttcatagc	1560
gctgagccac	aagctggggc	tgctccagg	gaaggcctcg	gagctgctcc	tgccggcggc	1620
tgctctctct	cgccaggacc	ttctgtcct	gcaggaccag	cggagcctct	ggtgctggga	1680
tctactccac	atgaagacca	gcctgccgcc	aggccttccc	accaggagc	tgctgcagat	1740
ccaggcatcc	caggaaaaac	agcagaaaga	gaacctgggg	caggctctga	agaggctgga	1800
gaagctactg	aaacaggcac	tggagcgaat	ccctgagctg	caggggatcg	tgggggactg	1860
gtgggagcag	ccaggccagg	ccgccctctc	tgaggagctc	tgccaggggc	tgtccctgac	1920
ccagtggcgg	ctgcgtggg	ttcaggccca	gggggcccctg	cagaagctgt	gcagctgaag	1980
agagggttca	aacggaagcc	gagaacttga	cactgttcac	cccaacacct	cacctcccc	2040
aggacatttg	gaagaaagca	gcgccaggga	ttcctcggca	gtcgtcccca	cccgcacctg	2100
cagtcccctt	catgtgctgt	tctgcttgcc	ccactcagct	cctgggaccc	tgctcttttc	2160
atcccgttaa	agcacccctt	aaaacccctt	catcactttc	attctcaacc	aaaaaattaa	2220
ttgaaccacc	ctccctctag	gccgcctggg	gagtccccac	actgaaacaa	aagaaaccag	2280
aaaacccctg	tccttcccag	cagttgaagt	tcctagggcc	agggagaaca	gagtttaaca	2340
agataaggaa	aaatatatat	gtagtatgcc	tgccaagtta	actgcctgtg	tgggaaatcc	2400
cagcaggggg	tgggatgtgt	gatttgaatt	gagggccaca	ctgccccagg	tcgtgctccg	2460

tcaaggggtg	agcaggagca	acaggggtg	ctgagtaagg	gcttgcagct	ggaggcaaca	2520
gcacatgcaa	aggccctgag	ccaggatgtg	ctgcaataag	ggccactgag	ggggacagtg	2580
taggttgggg	gtgaggaatg	tattaaaaga	tgagattgcc	ttctagtttg	tatagtttct	2640
ttttttacat	gtaaatcagc	catttggaat	ttatcctagc	acatggatcc	aattttgtct	2700
tattttacat	atatcctagt	agcacttact	gaaattccca	gtcagagtgg	cagttgcctc	2760
tgaggggaagg	tgggtggcag	ggatcaactg	aggaggagac	acagaaatgt	cctagcctga	2820
tgggaaatgt	gtggtgtcaa	gaccagcggc	ggtgacgcag	gtgtagagat	ttgtcagagc	2880
tcatgtagtt	gtagtcttaa	ggcctgtgca	tttctactgcg	tgggttactc	aattttataaa	2940
gcaaagccct	tacacttttg	agatgccacc	tttttatgca	ctaaatttcc	atgtttaatt	3000
gggttatatc	tggcttctct	ccagacctgc	tttgtattta	actctccatg	tgtcattcct	3060
acagttagctt	aatagaaagg	cttgtgacac	attgtcatat	ctgttcttgt	tttcttttgt	3120
tttttttttt	tttttttttg	agatgcagtc	tcattctggt	gcccaagttg	gagtgcagtg	3180
gcatgatctc	agctcactgc	aacctccgcc	tcccaggttc	aagccattct	catgcctcag	3240
cttccccagt	agctaggatt	acaggtagcg	accaccacgc	ccagctcatt	tttgtacttt	3300
tagtagggac	ggggtttcat	catgttggcc	agactgggtc	cgaactcctg	acctcaagtg	3360
atctgcctgc	ctcggcctcc	caaagtgctg	ggattacagg	catgagccac	cgcgccgtgac	3420
cacattgccca	tatctgaaat	ggctggattc	tcttaggtgc	ttttcttttt	ctttctttct	3480
ttcttttttt	gagacagaat	ctggctgttt	cccaggctga	agtgcagtg	catgaactca	3540
gctcactgca	acctctgcct	cctggattca	aacaattctc	atgtctcagc	ctcctgaata	3600
gctgggatta	caggcaccca	ccaccatata	tggctaatat	ttgtattttt	tgtagagtcg	3660
gagctttacc	atgttgggtc	ggctgctctc	caactcctgg	cctcaagtga	ttctatcgcc	3720
tctgcctccc	aaatcttcac	ctgctgggat	tagtttcccc	tgtctcagta	aatttttttt	3780
tcccaaacta	agtgaacatt	agattttaatt	tggctggccc	cagaagaaaa	acatgcacag	3840
atggtagttt	tactggtgtt	gcagtaagtt	ttcaaatttg	gaagtttggc	agctttatga	3900
tcttgaacct	tgctgtccat	ctctcacaca	actcctctct	tggcctccag	agtccttcta	3960
ctctcccagc	tttctcctg	cccttggtg	ctgtttccca	gcctttccac	attggctttc	4020
ccatgtagtc	cttagtgtgt	ctgctcctcc	tctctctcct	catcacagtt	cccagccccc	4080
accttcaact	gaactcaaca	aaatcttcaa	cttcatacag	tagtcacatt	gttagtaata	4140
acactggcat	ttttattttg	ataaaaataga	ccgtttaaat	ttttgagatt	ctaccttata	4200
ttttttgaat	tatatactaa	agcaaataag	tagtgatgta	atgtcatttg	ggaccaagat	4260
tttttagtgta	aatgaaaaaa	gataacaaat	ataaactcaa	gtaaacaccc	tgtagtcttt	4320
cacatgaatt	ggaaatatca	gaataaagtc	atgatttttc	tctttctaaa	aaaaaaa	4377

```
<210> 7192
<211> 1169
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1096)...(539)
<223> similar to gi4929713 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7192						
gttgggtcca	tttttattgt	ggatcagggc	ttagaggata	agcaccggtc	agcattgttg		60
gctgcaccat	ctgccatcct	tctctgtgag	ccacctctgt	gagagagtct	aaattcagcc		120
caagaaatga	ggatcaagaa	ggggtaaaaa	gccgtggacc	acatggccac	tctgctgta		180
tctacaccta	ccagtcactg	aacacctgcc	caagtgtgat	ggcttccatg	caggagacc		240
aagtggctct	gctagggaga	atgacttatt	tacctaaggc	ttttttattt	ctcaaaaagt		300

gggggaaaaa	gggctggttt	ctagaaacag	atgtggaatt	gaagaatgtc	ccagggagct	360
aagttttaag	gactaatcac	aaacttgttt	ctccaacaac	atcctgaatc	cattccttgc	420
accatcacac	atTTTTcatg	catcagaagt	gtttctagag	ctccagaacc	acgagtacct	480
catcacgtcc	tgagcgctca	catccccag	caagccgcct	gcaccaggcc	tttctctaga	540
agtcctgaga	ctgagtactc	tccagaggct	ggaggttcgt	gcggagtttg	tacatgtggt	600
tgagcgcttg	tgtgaggaaa	gtcccgcctg	tgttgatctc	catcaagggtc	aagttatcca	660
gcttggcatg	tgctcctg	tgtctcacia	agctgtcagc	agacactcgg	agtttggcta	720
tacgagtgtc	ccacatatcc	ttgaccagg	tccggatttc	gtctgccttc	gggatgttgt	780
ctgaagcatg	atttaacagg	agcttcgtaa	gttccatgta	gtaagggctg	ggcattgggg	840
taaaagtttc	ttcctttcgt	tcatgatccc	tcatcttctc	caacttttct	acatccatcc	900
actctggagg	gagcaggcga	catttctgtc	tttgtttcag	gttaatcgcc	agccacagg	960
gcacttccac	gggtaaacca	gggttaaaag	gccccagggtc	ccccccgatg	aggtagatct	1020
tgtccagact	gaagttgggg	ataatggtaa	ccagctcctt	ctcggcgagg	aattcgacct	1080
cggcagcgtc	catggcggcg	cgagctgcag	gccagagcct	cacggtctcc	tcggggcccct	1140
cagcgtcccg	gaggagacgc	cgcgccgc				1169

<210> 7193
 <211> 2098
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (78)...(1909)
 <223> similar to gi412163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7193	
aggatgtctt	ctggcaat
cacacgcctt	tggcacaatg
cggcttattc	caggggtgtg
ttaaagattt	gggagaagaa
ttcagcagtg	tccatttgaa
aaacatgtgt	tgctgatgag
gagacaaaatt	atgcacagtt
gtgcaaaaaca	agaacctgag
acctcccccg	attggtgaga
aagagacatt	tttgaaaaaa
ccccggaact	ccttttcttt
ctgctgataa	agctgcctgc
cttcgtctgc	caaacagaga
tcaaagcatg	ggcagtagct
tttccaagtt	agtacagat
ttgaatgtgc	tgatgacagg
tctccagtaa	actgaaggaa
ccgaagtggg	aatgatgag
aaagtaaggg	tgtttgcaaa
tgtatgaata	tgcaagaagg
agacatatga	aaccactcta
ccaaagtgtt	cgatgaattt
catataagta	ttttttcaaa
cctttatttc	ccttcttttt
atgcacacia	gagtgagggt
ccttggtgtt	gattgccttt
tgaagtaact	gaatttgcaa
atcacttcat	accctttttg
tggtgaaatg	gctgactgct
acacaaagat	gacaacccaa
cactgctttt	catgacaatg
aagacatcct	tacttttatg
ttttacagaa	tggtgccaag
acttcgggat	gaagggaagg
aaaatttggg	gaaagagctt
caaagctgag	tttgacagaag
tccacacgga	atgctgccat
ctgtgaaaat	caagattcga
ggaaaaatcc	cactgcattg
attagctgct	gattttgttg
tgctcttctg	ggcatgtttt
gctgctgctg	agacttgcca
agatcctcat	gaatgctatg
tcagaattta	atcaaacaaa

attgtgagct	ttttgagcag	cttggagagt	acaaattcca	gaatgcgcta	ttagttcggt	1380
acaccaagaa	agtaccccaa	gtgtcaactc	caactcttgt	agaggtctca	agaaacctag	1440
gaaaagtggg	cagcaaatgt	tgtaaaccatc	ctgaagcaaa	aagaatgcc	tgtgcagaag	1500
actatctatc	cgtggtcctg	aaccagttat	gtgtgttgca	tgagaaaacg	ccagtaagtg	1560
acagagtcac	caaatgctgc	acagaatcct	tgggtgaacag	gcgaccatgc	ttttcagctc	1620
tggaagtcga	tgaaacatac	gttcccaaag	agtttaaatgc	tgaaacattc	accttccatg	1680
cagatatatg	cacactttct	gagaaggaga	gacaaatcaa	gaaacaaact	gcacttggtg	1740
agcttgtgaa	acacaagccc	aaggcaacaa	aagagcaact	gaaagctggt	atggatgatt	1800
tcgcagcttt	tgtagagaag	tgctgcaagg	ctgacgataa	ggagacctgc	tttgccgagg	1860
agggtaaaaa	acttggtgct	gcaagtcaag	ctgccttagg	cttataacat	cacattttaa	1920
agcatctcag	cctaccatga	gaataagaga	aagaaaatga	agatcaaaa	cttattcatc	1980
tgtttttctt	tttcgttggt	gtaaagccaa	caccctgtct	aaaaaacata	aatttcttta	2040
atcatttttg	ctcttttctc	tgtgcttcaa	ttaataaaaa	atggaaagaa	aaaaaaaa	2098

<210> 7194
 <211> 2951
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (673)...(2640)
 <223> similar to gi3005599 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7194						
tgactaaggt	cacaaggcta	gtgagtggta	gaaccaagtc	tcttgcccat	ttcctaggtc	60
ttttatatta	catcatgcta	ctttctctaa	gtggtagtgg	tcgtcaagag	tttgaagggtg	120
acctaaagcc	tgacttgagc	aacgtagtgtg	tcagatattt	gccaaatcta	gtataatgag	180
gggccatgga	gtctagtgtt	acacaggaga	acctgaaata	gcaaggactg	attacaatag	240
ataaaaactat	caccagggca	tttcctgata	ctctggaaaa	ctgaaaaaga	aacactgctg	300
ctaaaacgca	ctcactgtga	ataacaataa	tatttttttag	aaaagtaagt	ggcaagtggg	360
ggtcgcgcct	ggagcggagc	ctcggcctcc	ggagcgcgag	ctgcagccct	gtattgagct	420
gagatggctc	gagcctaaca	ttccatgatc	caggatcggtg	acagatgtgc	acaggctgct	480
gctgttgctg	ctgtgggtaa	tttggaacca	cgaggcaccc	cagggccaga	agacgaggca	540
ttctgtctgc	ctggatgtgt	gggaactctc	tgccaaacttg	attggtggat	ctgggggggg	600
atccaccccc	acccacagag	gaaagcacag	tttattttgt	gggtgggggt	tcaggtgccca	660
gccagctgaa	ggatggccac	ccctgtgggtc	accaagacag	cctggaagtt	gcaagagatc	720
gtcgcgcgatg	ccagcaacgt	gtcctcactg	gtgctgggca	aagcctccgg	gcggctgctg	780
gctacaggcg	gggatgactg	ccgcgtcaac	ctgtggtcca	tcaacaagcc	caactgcac	840
atgagcctga	cgggccacac	atccccagtg	gagagcgtcc	gcctcaacac	ccccgagag	900
ctcatcgtgg	cgggtctctca	gtcgggctcc	atccgtgtct	gggacctgga	agctgccaaa	960
attcttcgca	cactcatggg	acacaaagcc	aacatctgca	gcctggattt	ccaccgtac	1020
ggcgagtgtg	tagcctctgg	ttcccaggac	acaaacatca	agctctggga	catcaggagg	1080
aaaggctgtg	tcttccgata	cagggggcac	agccaggccg	tgcggtgtct	ccggttcagc	1140
cccgatggga	agtgggtggc	gtcggccgca	gatgaccaca	ccgtgaagct	ctgggatctc	1200
actgccggca	agatgatgtc	tgagttccct	ggtcacacgg	ggcctgtcaa	cgtggctcag	1260
tttcacccca	acgagtacct	cctggcctcc	ggcagctctg	acaggacaat	ccgcttctgg	1320
gacctggaga	agttccaggt	ggtgagctgc	atcgaagggg	agcctgggcc	cgtcaggagc	1380
gtcctcttca	accagacgg	ctgctgcctg	tacagcggct	gccaggactc	actgcgtgtc	1440

tacggctggg	aacctgagcg	gtgctttgat	gtggctcctcg	tcaactgggg	caaggtggcc	1500
gacctggcca	tctgcaatga	ccagttgata	ggtgtggcct	tctcccagag	caacgtctcc	1560
tcctacgtgg	tggatctgac	gcgtgtcacc	aggactggca	cggtggcccg	ggacctgtg	1620
caggaccacc	ggcccctggc	acagccactg	cccaacccca	gcgccccct	ccggcgcac	1680
tatgagcggc	ccagcacaac	ctgcagcaag	cctcagaggg	tgaagcagaa	ctcagagagc	1740
gagcgccgca	gccccagcag	cgaggatgac	cgggacgagc	gcgagtcccg	cgcgagatc	1800
cagaacgccg	aggactacaa	cgagatcttc	cagcccaaga	acagcatcag	tcggacgcca	1860
ccccggagaa	gtgagccctt	ccctgcaccc	ccagaggacg	acgcagccac	agcaaaggag	1920
gcagcaaagc	ccagccctgc	catggatgtg	cagttcccgg	tgccaaatct	ggaggtcctg	1980
ccccggcccc	cagtggttgc	ttccacacct	gcacccaagg	ctgagcctgc	catcatccct	2040
gccacccgga	acgagcccat	cgggctgaag	gcctccgact	tctgccccgc	cgtgaagatc	2100
ccccagcagg	ccgagctggg	ggacgaggat	gccatgtcac	agatccgcaa	aggccacgac	2160
accatgtgtg	tgggtctcac	cagccgccac	aagaacctgg	acactgtgcg	ggctgtgtgg	2220
accatgggcg	acatcaagac	gtcgggtggac	tccgctgtgg	ccatcaacga	cctgtcggtg	2280
gtgggtggacc	tcctgaacat	cgtaaccag	aaagcctccc	tgtggaagct	ggacctgtgc	2340
accaccgtcc	tgccacagat	tgagaagctt	ctgcagagca	agtatgagag	ctacgtccag	2400
acgggctgca	cctccctgaa	gctgatcctg	cagcggtttc	tgccccctcat	cacagacatg	2460
ctggcggccc	caccctctgt	gggtgtggat	atcagcaggg	aggagaggct	gcataagtgc	2520
cggctctgct	acaagcagct	taagagcatc	agcggcctgg	tcaagagcaa	gtcaggcctg	2580
agcggccgcc	atggcagtac	cttccgcgag	ctgcacctgc	tcatggccag	tctggactga	2640
ggaaagcagt	gggcaggggc	gctcggcagc	ccacagggcc	tggcctcagc	ccccactcct	2700
gttccttgtg	cacccactgg	cccatgagcc	tctgcctggc	ccctgctgct	gtcctgtggc	2760
cgctcctggag	gaggtgatgc	tgggtccctg	ccacctctac	agccctgaac	tcttgagaca	2820
actctctcca	gcaatagctg	cccagctttg	cccaactgtt	gcttcttggg	gcagcgaact	2880
gagccctggg	gctgctgctg	taatttataa	ggcaaatatt	attaaatttg	taactattcc	2940
caaaaaaaaa	a					2951

<210> 7195
 <211> 1623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(376)
 <223> similar to gil698653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7195						
ggcacgagcc	gagtcggttg	cgctgtcatg	gcgggtgtgc	tgaagaagac	cactggcctt	60
gtgggattgg	ctgtgtgcaa	tactcctcac	gagaggctaa	gaatattgta	cacaaagatt	120
cttgatgttc	ttgaggaaat	ccctaaaaat	gcagcatata	gaaagtatac	agaacagatt	180
acaaatgaga	agctggctat	ggttaaagcg	gaaccagatg	ttaaaaaatt	agaagacca	240
cttcaaggcg	gtcaattaga	agaggtgatt	cttcaggctg	aacatgaact	aaatctggca	300
agaaaaatga	gggaatggaa	actatgggag	ccattagtg	aagagcctcc	tgccgatcag	360
tggaaatggc	caatataatt	attaagtgc	tttgggtgtg	tcatgggaaa	ctgatgtaat	420
taaatattct	gttatattaa	gagcgtgttc	ttattactga	cattttttaa	tcaagaaaag	480
tgatatagaa	aatatgtagg	agactgttaa	aattgggtgat	tatggtaata	tgggtcatgtg	540
aatcaatttt	tgatttataa	agtactcaca	caagttgttt	caaagatgat	atttctgtga	600
acagagaggg	catgggaaga	tttgaaaatt	attaaagaaa	aattcctaca	gattttcaat	660

gcagagacca	taatcaaaaa	gtaaactttc	tttagtagta	tgttcaatac	atcattttaat	720
tttttaagtt	atcctgaaga	aggaaagggtc	cttaattatt	atagtctaaa	caaattttata	780
gattactggt	tgaagtaa	aatacgagtg	aatattttca	aatgtgataa	aatagcacaa	840
gtggctggtg	ataaaatttg	aaattatggt	taacctcagc	tgtgatctta	tgtatgtaaa	900
gtgaaattta	aatagataat	tataggttga	ttacaaaatc	catagtgtca	ttttatttta	960
gtcattattg	aattatacca	tttactctgt	tttcttatag	tcttaatttt	attatatttt	1020
gttgttactg	tattatattt	gaaaaccttc	aaattagaat	acattgtaca	gttaaagaaa	1080
ttgacttgg	acttaaaaaga	aagattttccc	attgcataca	ggttattgga	gaaattttcc	1140
ttttgttgca	tttggtggaag	ttagttttct	ggcccggtgc	ctttaatttt	cttaatcaac	1200
ctaattacat	caggatagag	gtagagtttc	tgtaaaaaga	gagacattaa	gagttcctga	1260
aatttatatc	tggcatacgg	ataggcttat	attcaaaaaca	tcttagtcat	acgaccataa	1320
attaaaagtg	gagtcactaa	atagtttgca	gtacgtttct	aatataagtg	taggtgggta	1380
tcaaaacaag	acaaatgctg	ttcagggaaa	gaagtgtgca	agcttaaggt	taaacaaaaa	1440
taaaattaca	tgtgttttcg	caaaaaaaa	aaaaaggggc	ggccgtttta	aaggatcctt	1500
gggggggcca	aatttaacgc	gggcaggcaa	ggaaatattt	tttcccttat	ggggagccga	1560
attataacct	acctggggat	ttttgaaagg	gacccttact	tgtgggggga	gacataatgg	1620
aaa						1623

```

<210> 7196
<211> 2023
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(481)
<223> similar to gi619161 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7196						
gtacgaccgt	ctcctggctg	ccgtcacttc	cggttctctg	tcagtcgcga	gcgaacgacc	60
aagaggggtg	tcgactgcta	gagccgagcg	aagcgatgcc	taaatcaaag	gaacttgttt	120
cttcaagctc	ttctggcagt	gattctgaca	gtgaggttga	caaaaagtta	aagaggaaaa	180
agcaagttgc	tccagaaaaa	cctgtaaaga	aacaaaagac	aggtgagact	tcgagagccc	240
tgtcatcttc	taaacagagc	agcagcagca	gagatgataa	catgtttcag	attgggaaaa	300
tgaggtacgt	tagtgttcgc	gattttaaag	gcaaagtgtc	aattgatatt	agagaatatt	360
ggatggatcc	tgaaggtgaa	atgaaaccag	gaagaaaagg	tatttcttta	aatccagaac	420
aatggagcca	gctgaaggaa	cagatttctg	acattgatga	tgcagtaaga	aaactgtaaa	480
attcgagcca	tataaataaa	acctgtactg	ttctagtgtg	tttaatctgt	ctttttacat	540
tggcttttgt	tttctaaatg	ttctccaagc	tattgtatgt	ttggattgca	gaagaatttg	600
taagatgaat	actttttttt	aatgtgcatt	attaaaaata	ttgagtgaag	ctaattgtca	660
actttattaa	ggattacttt	gtctgcccac	cacctagtgt	aaaataaaat	caagtaatac	720
aatcttaact	gttggtggcct	tttttgatca	taagagttgg	tactgtttta	ggccaaaagt	780
aacagttttt	atagatcttt	tagtttcaac	tcagctttta	caataaaaag	gatttgattt	840
gcattgagtt	tataaacttt	tggtttgatg	acttcatatt	tgatcttttc	tcttccaatc	900
aaatgtctag	gcttgtttga	cttccacccc	caatggtttt	tactcttttt	tatttacttc	960
attttccttt	aataacttaa	tctcttcatg	ttcagttttt	acttcaactc	ttattctttt	1020
ctttgattat	ggtatgctta	tttggaaggt	cagtgaact	gtcaaatgt	tatctcaata	1080
agatacttat	atgagaacta	caatcaccga	atctactgta	ttcaatatta	gcagatctaa	1140
tttgataaac	aacatggctt	gtgtgaaaac	tgagcaggtg	tttgtttacc	catagtgttc	1200

tgtgtagtta	ttgcttagtc	tgcagaaaat	aatgacttag	atgagatgtc	tgacttgctt	1260
tcacttatta	aacatgttca	ccatgggatg	atgtctgtaa	catcagatat	tgttcaacta	1320
gactaggatt	taataaaaaat	tgtgaaagct	tactggccta	acatttttatt	ttataaatatt	1380
gggtatgaat	tatatgtatc	cagagatgtc	attaagcttt	actgttatag	taggtaatat	1440
ggtagtttg	tagggaaaag	agcatatgag	cacatgcttg	tgtatttttg	cctttgcccc	1500
atgagaacag	accaatggca	ttctagactt	gatgatacta	agtttttagca	gacactactg	1560
gggggtttgt	atttaaccat	actgatgaag	cagacagatt	gaggcacaga	tttttagtggc	1620
tttgtggcaa	taaatagggc	atggtgtgcc	ttaggaaaag	aatgtttata	aagggaaatta	1680
taactgaaat	taaaggaggc	ggcagtgaag	aggaaataat	tctcttctat	ctaaatgata	1740
tacatatgat	attttgagat	ttttataaca	gcaggggaac	acaattctag	gtagagtaga	1800
aaaaggaaaag	ttttaaagac	atataaaaaga	ttcttgttga	caaattattt	ttggtagcaa	1860
atctcaaata	gttacctgct	attaaggctc	gccatattag	agttttgcac	tattttgcta	1920
ccaagtttga	ttcatacatc	taaaacattt	tgtagttact	tgccaaggac	ttaatTTgaa	1980
aatcattttgc	caggccacat	agttatcaat	ttttttttct	atg		2023

<210> 7197
 <211> 2226
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2227)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (36)...(1887)
 <223> similar to gil658503 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7197	
cgataatggc	ggatatggag gatctcttcg ggagcgacgc cgacagcgaa gctgagcgta 60
aagattctga	ttctggatct gactcagatt ctgatcaaga gaatgctgcc tctggcagta 120
atgcctctgg	aagtgaaaagt gatcaggatg aaagaggtga ttcaggacaa ccaagtaata 180
aggaactggt	tggagatgac agtgaggacg agggagcttc acatcatagt ggtagtgata 240
atcactctga	aagatcagac aatagatcag aagcttctga gcgttctgac catgaggaca 300
atgacccttc	agatgtagat cagcacagtg gatcagaagc ccctaataat gatgaagacg 360
aagggtcatag	atcggatgga gggagccatc attcagaagc agaaggttct gaaaaagcac 420
attcagatga	tgaaaaaatgg ggcagagaag ataaaagtga ccagtcagat gatgaaaaga 480
tacaaaattc	tgatgatgag gagagggcac aaggatctga tgaagataag ctgcagaatt 540
ctgacgatga	tgagaaaaatg cagaacacag atgatgagga gaggcctcag ctttccgatg 600
atgagagaca	acagctatct gaggaggaaa aggctaattc tgatgatgaa cggccggtag 660
cttctgataa	tgatgatgag aaacagaatt ctgatgatga agaacaacca cagctgtctg 720
atgaagagaa	aatgcaaaaat tctgatgatg aaaggccaca ggcctcagat gaagaacaca 780
ggcattcaga	tgatgaagag gaacaggatc ataaatcaga atctgcaaga ggcagtgata 840
gtgaagatga	agttttacga atgaaacgca agaatgcgat tgcactctgat tcagaagcgg 900
atagtgcac	tgagggtgcca aaagataata gtggaaccat ggattttattt ggagggtgcag 960
atgatatctc	ttcagggagt gatggagaag acaaaccacc tactccagga cagcctgttg 1020
atgaaaatgg	attgcctcag gatcaacagg aagaggagcc aattcctgag accagaatag 1080

```

aagtagaaat acccaaagta aacactgatt taggaaacga cttatatattt gttaaactgc 1140
ccaactttct cagtgtagag cccagacctt ttgatcctca gtattatgaa gatgaatttg 1200
aagatgaaga aatgctggat gaagaaggta gaaccagggtt aaaattaaag gtagaaaata 1260
ctataagatg gaggatacgc cgagatgaag aaggaaatga aattaaagaa agcaatgctc 1320
ggatagtcaa gtggtcagat ggaagcatgt ccctgcattt aggcaatgaa gtgtttgatg 1380
tgtacaaagc cccactgcag ggcgaccaca atcatctttt tataagacaa ggtactggtc 1440
tacagggaca agcagtcttt aaaacgaaac tcaccttcag acctcactct acggacagtg 1500
ccacacatag aaagatgact ctgtcacttg cagatagggtg ttcaaagaca cagaagatta 1560
gaatcttgcc aatggctggt cgtgatcctg aatgccaacg cacagaaatg attaagaaaag 1620
aagaagaacg tttgagggct tccatacgtg gggaatctca gcagcgccga atgagagaga 1680
aacagcacca gcgggggctg agcgccagtt acctggaacc tgatcgatac gatgaggagg 1740
aggaaggcga ggagtccatc agcttggtctg ccattaaaaa ccgatataaa gggggcattc 1800
gagaggaaacg agccagaatc tattcatcag acagtgatga gggatcagaa gaagataaag 1860
ctcaaagatt actcaaagca aagaaactta ccagtgatga ggtaagacca aatttattca 1920
attctagggg tttatcctgt actcaggagc caactgcttt gaatgaagag ctcacagatc 1980
aggcaggcac aaattagttg tctacacacg tcttgaaat ccagtgagat aaatgcagta 2040
acaagacaga gtgatccaga ggaggatctg atacctgtgc ttagagagggt cttagaaggc 2100
tgcattggagg ataagacttc ttgctgggtg ttgaagagt atcanaagct tgctggtcaa 2160
actgtcctgt ctctggtagg tcaactccga tagatggaaa ggcctggaag aaaagggtgca 2220
ggtccc 2226

```

```

<210> 7198
<211> 1425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (284)...(731)
<223> similar to gi32433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7198
cgcagcccgga tattcctgtg gacattttcca ggacgggtcag cttgggtcccc ccgccgaaga 60
ccacgaagtt gctcccgtt tcatgttctg cccacagtg gaagtcactc tcatcgtctt 120
cttggtggtt gttgatgatg agaaaccgat tcaggcctga ggccaacact gagaagcgat 180
tagggatgcc atccccctg gagccacaa tgccaccggg gccactcgc atcacaaacc 240
ggggggccct ccctggtctc tgctggtacc ggtcgacgat ttcgtttgtcc tggctcttgc 300
cctcatcctg gttctggaat cctcagttca aggttatcct acgcagagag ccaggtaacca 360
atgggtgctg tgcaatccag acagtaattc tgcaaaactgc cttgaagaaa aaggaccaat 420
gttcgaacta cttccagggtg aatccaacaa gatccccctg ctgaggactg acctttttcc 480
aaagacgaga atccaggact tgaatcgtat tctcccactt tctgaggact actctggatc 540
aggcttcggc tccggctccg gctctggatc aggatctggg agtggcttcc taacggaaat 600
ggaacaggat taccaactag tagacgaaag tgatgctttc catgacaacc ttaggtctct 660
tgacaggaat ctgcctcag acagccagga cttgggtcaa catggattag aagaggattt 720
tatgttataa aagaggattt tcccacctg acaccaggca atgtagttag catattttat 780
gtaccatggt tatatgatta atcttgggac aaagaatttt atagaaattt ttaaaccatct 840
gaaaaagaag ctttaagttt atcatcctt tttttctcat gaattcttaa aggattatgc 900
tttaatgctg ttatctatct tattgttctt gaaaatacct gcattttttg gtatcatgtt 960
caaccaacat cattatgaaa ttaattagat tcccatggcc ataaaatggc tttaaagaat 1020

```

atatatatat	ttttaaaagta	gcttgagaag	caaattggca	ggtaatat	catacctaaa	1080
ttaagactct	gacttggatt	gtgaattata	atgatatgcc	ccttttctta	taaaaacaaa	1140
aaaaaaaaata	atgaaacaca	gtgaatttgt	agagtggggg	tatttgacat	attttacagg	1200
gtggagtgtg	ctatatacta	ttacctttga	atgtgtttgc	agagctagt	gatgtgtttg	1260
tctacaagta	tgattgctgt	tacataaacac	cccaaattaa	ctcccaaatt	aaaacacagt	1320
tgtgctgtca	atacctcata	ctgctttacc	tttttttcc	ggatatctgt	gtattttcaa	1380
atgttactat	atattaaagc	agaaatataa	ccaagaaaaa	aaaaa		1425

<210> 7199

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (189)...(1491)

<223> similar to gil655625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7199

tacgccaagc	ttggcacgaa	gtgcactgcg	cttgcgcggg	ttgagggcgg	tggctcaggc	60
tccctggaaag	gaccgtccac	ccctccgcgc	tggcggtgtg	gacgcggaac	tcagcggaga	120
aacgcgattg	agaaatggaa	aagaaaatga	aataaatcag	cagttatgag	gcagagccta	180
agagaactat	ggcaacatca	ggtgactgtc	ccagaagtga	atcgacggga	gaagagcctg	240
ctgagtgtag	tgaggcgggg	ctcctgcagg	agggagtgaca	gccagaggag	tttgtggcca	300
tcgcgggacta	cgctgccacc	gatgagaccc	agctcagttt	tttgagagga	gaaaaaatc	360
ttatcctgag	acaaaccact	gcagattggt	ggtgggggtga	gcgtgcgggc	tgctgtgggt	420
acattccggc	aaaccatgtg	gggaagcacg	tggatgagta	cgaccccgag	gacacgtggc	480
aggatgaaga	gtacttcggc	agctatggaa	ctctgaaact	ccacttggag	atgttggcag	540
accagccacg	aacaactaaa	taccacagtg	tcacctcgca	gaataaagaa	tccctgacgg	600
ataaagtcac	cctggacgtg	ggctgtggga	ctgggatcat	cagtctcttc	tgtgcacact	660
atgcgcggcc	tagagcggtg	tacgcggtgg	aggccagtg	gatggcacag	cacacggggc	720
agctggctcct	gcagaacggc	tttgctgaca	tcacaccgt	gtaccagcag	aaggtggagg	780
atgtggtgct	gcccagagaag	gtggacgtgc	tgggtgtctga	gtggatgggg	acctgcctgc	840
tgtttgagtt	catgatcgag	tccatcctgt	atgcccggga	tgcttggtctg	aaggaggacg	900
gggtcatttg	gcccaccatg	gctgcgttgc	accttgtgcc	ctgcagtgtc	gataaggatt	960
atcgtagcaa	ggtgctcttc	tgggacaacg	cgtacgagtt	caacctcagc	gctctgaaat	1020
cttttagcagt	taaggagttt	ttttcaaagc	ccaagtataa	ccacattttg	aaaccagaag	1080
actgtctctc	tgaaccgtgc	actatattgc	agttggacat	gagaaccgtg	caaatttctg	1140
atctagagac	cctgaagggg	gagctgcgct	tcgacatcag	gaaggcgggg	accctgcacg	1200
gcttcacggc	ctgggtttagc	gtccacttcc	agagcctgca	ggagggggcag	ccgccgcagg	1260
tgctcagcac	cggggcccttc	cacccaccca	cacactggaa	gcagacgctg	ttcatgatgg	1320
acgacccagt	ccctgtccat	acaggagacg	tggtcacggg	ttcagttgtg	ttgcagagaa	1380
accagtggtg	gagaaggcac	atgtctgtgg	ctctgagctg	ggctgtcact	tccagacaag	1440
acccacatc	tcaaaaagtt	ggagaaaaag	tcttccccat	ctggagatga	cagttgatgc	1500
tttatttgga	aagcagtggt	catatcttga	ggggtgatga	acacaagcaa	accaagttgc	1560
acctggcttc	tgcacactcc	tgcgaaagtc	ggtgaacatt	cactccacat	tgacccctcc	1620
ctagcctggc	aggtgacgtc	agggctcctc	acagacaaac	acgcttgggc	tcggcaggag	1680
ctgccgtggc	cacccccgct	gccagtggtc	tgcctcttag	aagtaggctg	tgtttccagg	1740
tgttcacccg	tgggtgcccac	agtgccgacc	cgtggctggg	tcggagctcc	atgttcctaa	1800

gctagggtcta	ggtctacact	cctaggacgc	acgcatatca	gcccgtgtac	cctgtgacag	1860
tgactgtccc	cacctcctat	gttagtggtg	cccttactgc	cgctcgctcat	ccactcgtgt	1920
gggacgtagg	attgcacagg	gctgtgccag	tggcgtgtag	ggaacactgc	cctggctcag	1980
cgtagcgagct	aaggtggcga	tgtatgcgat	gggactctgc	atgggatagt	acagttgtgt	2040
agacgtcttc	caaataaatt	atgtgttggt	ccatcgacaca	tgctcaataa	atatttttaa	2100
atgagtgaat	gtcattgtgt	atcctgtttt	atgcatatat	gttatttttt	gtaattacag	2160
gatcatacta	tatgcattgc	tttataagtt	tttctcaata	ttgtgaaaaa	acttccacat	2220
cagtagatac	atgtccataa	tttttttttg	tattgttttg	atttttatta	aattttattg	2280
aaatataggc	tgggtgcagt	ggcttacctc	tgtaatccca	acactttgag	aggctgaggt	2340
gggatgattc	cttgagctca	ggagttcaag	accaccctgg	gcaacacagc	gagatactat	2400
ctctacaaaa	aaaatagaaa	aattagctgg	gcatggtggc	gtgtgcct		2448

<210> 7200
 <211> 3915
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (3747)...(1146)
 <223> similar to gi3319956 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7200	
cttttttttt	tttttcaacc
aagaaaacaa	aacgaaacca
gttaaaatca	tgttaaaaca
ggaaaagctt	ttgggtctgg
ttcaagttct	gaagggaagg
cccaccagaa	actaccaaga
caaatacaaa	aaagcagtta
ggaactgggg	catcgtataa
tgttttgttt	tgtggctctt
tgaaatatca	acagcccacc
ataattacca	aaaaaaagtc
ttttttttta	gttttgattt
ggagaattta	caaccaactg
gagagtgaac	aggaggggat
aggtggggat	tatttagtca
ggaggtgggg	acaaacagaa
tgcttgcccc	tatggagggg
gcagccctgg	gatgacccca
cgaggcaggc	gctggtggag
gctactgtgt	acttgtgcca
cgtagtatgg	cggccactgg
gctgatactg	gttatagctg
tatagggggc	cgggttgtaa
gtggaggcgg	tggggctgtg
tgtaactcgg	ctggaaagtg
tgacgggtggg	ggtgctggtg
cttttttttt	tttttcaacc
aagaaaacaa	aacgaaacca
gttaaaatca	tgttaaaaca
ggaaaagctt	ttgggtctgg
ttcaagttct	gaagggaagg
cccaccagaa	actaccaaga
caaatacaaa	aaagcagtta
ggaactgggg	catcgtataa
tgttttgttt	tgtggctctt
tgaaatatca	acagcccacc
ataattacca	aaaaaaagtc
ttttttttta	gttttgattt
ggagaattta	caaccaactg
gagagtgaac	aggaggggat
aggtggggat	tatttagtca
ggaggtgggg	acaaacagaa
tgcttgcccc	tatggagggg
gcagccctgg	gatgacccca
cgaggcaggc	gctggtggag
gctactgtgt	acttgtgcca
cgtagtatgg	cggccactgg
gctgatactg	gttatagctg
tatagggggc	cgggttgtaa
gtggaggcgg	tggggctgtg
tgtaactcgg	ctggaaagtg
tgacgggtggg	ggtgctggtg
ctgtcttagga	ggtgccatgt
cattttattca	
agtgcagttt	120
tatcactgta	180
tgggagaaac	240
cccactgaat	300
gtcactctct	360
aaagttatgg	420
ggttttgttg	480
cttatcttga	540
aaaaaagcgc	600
ttaaactttt	660
acagctcctg	720
gcagggttgg	780
tgatcaaggg	840
ggaaggctgg	900
cagaaaaaaa	960
ctggagggag	1020
gaggaggggc	1080
ggtcacactg	1140
tcgtagttcc	1200
tgggcatact	1260
ggcgggtggg	1320
ggtggtggag	1380
ggtggctggc	1440
ctgtagctgc	1500
ttattgtagg	1560

tgctggcccc	tgggggggttc	cgagcagggc	tgtagctggg	tgggtggcgg	ggctgctggg	1620
gtggtggctg	tgggtggcga	ggctgctgtg	gtggcggctg	ttgctgggga	gcccggttgt	1680
agctgcctct	gttgttgag	ttgttgttat	cccgttggtt	gttaccacag	cggttctggc	1740
tatagccacc	acctccgctg	cggttgaaac	ctcctcggta	gttgccctct	ccaccgctgc	1800
ctccccctcg	gttctggaag	ccgccacggg	tgcctccagg	gggtccctcg	ttttcatagc	1860
gctggaagcc	accaccaccc	ccgcggcccc	ggaagccacc	accacctcgg	ttgtcaaagc	1920
gcttttcagg	gggtggccca	gccttgccgg	cttcctcggt	gtactgcctc	actagcttgt	1980
ccgcttcctc	ccgctgcagc	tcaatgaaca	gaacctcatc	caggaagtcc	ccaacatctg	2040
gcaacgtgaa	gttggctttc	atttctaaga	ccgcatgata	tgggacatcc	ttcccttcct	2100
cgctcggttc	ctttattgtt	cggtctttta	ggtcctcgtc	agtgggacaa	attacaatag	2160
ctttgcgctg	gaagccttca	aatggtctca	tttttcgtct	ctgggctgac	ccataaacat	2220
ttgtctgata	taggatatag	ttgcgtttct	tgcgggcagc	aatctggatg	aggcggttga	2280
ggcactgggt	ggcctgctgg	atcaggacat	cccagcggcc	agcatagtct	cgctgccggc	2340
gtagggccat	caccgcgcat	ttatccatga	tggcattggg	acccaggatg	ttgtacttct	2400
tggaagggtt	ggaggctgca	tgtttgatgg	cccattgtgg	cttgccagca	gcaggcaggc	2460
ccaccatcat	cagaatctca	cattctgcct	tgtcttttgg	tccaacgggtg	ccccggatac	2520
gctcactaag	gggaagggtg	tggatgaagg	taaaccccgg	gaggacagaa	cagtagggct	2580
ctgctctctg	tccgaagttg	aactccactg	cgcaattctt	caccaggaca	tgaggataga	2640
gggcctgacc	ccccaaaggc	tcttcttgga	ttcggaaagc	aatgcccata	cactttccat	2700
tcttggtaaa	agacagttcc	acgtcatttc	cacattcaaa	atccgcaaag	cagccaatca	2760
catcgttctc	tgcaaaactg	tctccgtagt	tttcaaaccg	gctattgggtg	gacttcttcc	2820
cagtgcctcc	atagccatag	gagaaaggct	cttcgcctag	ctgggtgctg	caggagtcca	2880
gggaccagcc	gatacggacc	acgtgggggt	caggctctgt	agacggaagg	tgcttcacgg	2940
agatttcctc	attgatcttc	atctcgaagc	atacacggcc	cctcctgacc	ccatagctgg	3000
cacgggctcc	tgaccacagg	tatgcaaagc	cctcaattgt	gagcggatag	ccactactcc	3060
gatctcgggc	caccttgaag	tggaggtcgc	agttataggt	gtcaatagca	acaagggtat	3120
catcaaagtc	atcttcatcc	tcttcagcag	gaggctgagg	agagcggccc	ctcctatcct	3180
ctcgggtgct	aaagtacccc	cgcccccggt	tttcttcata	aggcctcttt	cgactctgga	3240
attgctgcct	gtctggcttg	agttgagaag	cttcaggcgg	gaggaagctg	gtgggtgctc	3300
cttgcttcat	ctctgtcttc	atttctggac	gataggcctg	ctgctgctcc	atttccagtg	3360
gtctcctctc	gtagcctgac	tcgttttctt	gtttgatgac	ttgggtatcg	tagaattggg	3420
tctgcctggg	aatattgtcc	atggcataat	gtccgtccgg	ccccgagtag	ccgcggggct	3480
ccgcgtgcgg	ctgcagcccg	ggcggcgggt	gctgcgcggg	cccctccagc	tcggagcccc	3540
cctcgggtct	gacctcctcg	ttgatgtgcc	cgggtcgccc	cggttcgctg	tcggcgctga	3600
gctcccgtct	gtcgtcaggc	tctcggcct	ccaacgccgc	ctgcagccgc	tcagcaagct	3660
cggctctgag	gcctcgagtg	tccaggccgc	ggcgtgcag	ctcctcgaga	agttcgttca	3720
ccttcagacg	gcgcacatcc	atggcccggg	cccccggggt	ggcccccgag	cccggcccgg	3780
cctcccaggg	ctctgtcccc	cttaaaccct	tcctgtcagg	aggcgaaggg	ggaaaggggg	3840
ggggcccact	ccaatggcgg	cagcggctca	aaatggccgc	cgccaccgcc	tccccctca	3900
ctcgtgcctc	gtccg					3915

<210> 7201

<211> 1730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1633)...(743)

<223> similar to gi4680701 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7201

tttttttttt	ttcaaaagga	aatcccaatc	tttttattac	ggaaagccat	caactgggtg	60
tgggggagt	gtcagaggg	tagtgaaagt	ccaggggatt	tctcctccaa	gtcctaccac	120
acaaaggaaa	gtctcaagcc	tctattcacc	ccttctcaat	ccccacaaaa	taggggggtg	180
ttcaatattg	tcttcaatga	taaaaacttt	gtgggttaaag	gtttctcctt	aggactagcg	240
acaaagttag	gcttatactt	ttaatgaaga	ccataaacga	agccagaagg	gcttaaggaa	300
gcaagagtcc	ttgggggaaa	attccttagcg	ttctataccc	cagcatctta	ccttaggggt	360
aaatctaggt	ctaaccaagc	tgtgcaggtc	aactaagaag	gaatgatgaa	accacagagt	420
ttcatggaga	aacctgggag	atgtctgaat	agctgataag	cagttaacac	actgacccaa	480
gcttggaggg	aaaccatttc	cccctccgtc	ctatgagatc	tctttcttgc	tccagtgaag	540
cagttggcca	cagcatggca	ggccttcctg	taggggtgcct	gacaattccc	tagatgcctc	600
tttaaaatca	gaagctgcat	gctgccccac	ccagtcacag	ccaaagggaa	aacataaata	660
aaaggctgca	gcctcaggct	tgtgggttatg	gaaagagcct	ggaattgaca	ggagagggaag	720
cactgccaaa	gtgaggatct	tatttatcct	tcttggtttc	cccatctgac	actgtgggtg	780
gggttgaagc	cacaggctgc	tcctcaggga	tattgtctcc	agcctttgat	agtttcttgg	840
cccgtggta	tagctcat	aagttaaatt	ctcgatcac	attctcctca	gagaagggtcc	900
atgagacagc	ccgtcctttc	ttgtcaatct	gtggccgccc	cattgcctcc	ttgccacctt	960
ggaacaggat	cagggtagg	agttgcttgg	tgaggggtga	tgtgctcact	ttgtaccgcg	1020
tactaacatc	agtatagcgt	ccaacatcca	ccttcccaaa	atttagccct	gtacagttgt	1080
atttaaggga	gaggtcagca	tagatagggg	caaatagattg	gcagtcatta	gaccaattgg	1140
caaagaactc	cacaatccaa	gtgacctctt	tgtcccggtc	tagttcctca	tcaatgggtt	1200
tatcattgaa	gtacttgata	tactcagggc	ccatatatag	gggggggtttg	cacgtcatca	1260
ggaacactat	gcagagtgtg	atgtaaagta	ggcccatgcg	aatatccaag	cgggaagaaa	1320
gaattgtgtt	ggccacttta	ctaaacatga	aaatgttgcc	tatatgttgc	tccacagtga	1380
tggatctgcg	gttcttcatc	atcacaatgg	cactgagaaa	catcaggatc	tccacttctc	1440
tccagtcaaa	gtcacacggg	ttaccgtctt	cgcgttggtg	gggcagaccg	tggcagagcg	1500
gcggcagttt	cctcacgagt	aggaaggcag	cagagagcag	ggccgacaga	aggtagtaag	1560
gttgggcgag	ccatcgtgaa	agtcgcggca	ccgaatacac	gagagcaatt	agagggtgcca	1620
agaccgccat	cctttcgggc	gtaacggcca	ctgctgcgcg	gcgtcgtagg	tctcgccccg	1680
cctccccccac	cataacgact	gctattgggc	tatatcgcaa	acgtaccccc		1730

<210> 7202

<211> 2051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1807)...(116)

<223> similar to gi5764636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7202

tttttttttt	ttaaaaaagg	gtcctatgtg	gaaatgagtg	ggacaatgat	aaaaataaac	60
aaataattaa	aattccaaat	caaaacataa	ctcctggccc	tgagatcccc	agttaatcct	120
ctaagaccac	aatctccaca	ttgtgaactt	gatgctggtg	ttcttccatc	tcagccacaa	180
ctttctcctc	agtcctcagc	tctgtctcca	agatgactgc	tttgccctca	gtatcttcag	240
cttctgggtc	cggggctgga	tcaatctcaa	tgatggtctg	cccatcctct	gaggtgcttt	300

caacagcctg	aattgccgag	gtaggccgg	actccatggc	caccaattcc	acagggctaa	360
ccatgggtgt	catgttgccc	agtgtactcc	catcctgcat	ggcagtagag	ctcagcagcg	420
ccaagctaga	tgaaggggtg	atgggtactg	tgtctgggtg	gctgctcttg	gcagaggaga	480
ccactgtggc	atagcgggaag	agctgagggc	cagaaggcag	tgtgtggaca	gtcacaggac	540
tggagccctg	gctgaggggtg	gccactggaa	tattgcccat	ggaaaatgac	tgaccactg	600
gggtgatggt	gatgggtgag	atgactgtga	actgaggctg	ctggacagga	ggagaagggc	660
tcaagacagt	ggtggaggct	ggccgctgga	gccggggcct	ttttggaggc	ttaggagtgc	720
tcacaggcat	cagtaccaca	ttttgaactg	tctgagattt	cagcctgtga	tcctggcctt	780
gcttcttctg	ctcctccaac	tggcgttcca	agtctgtcag	agtatagaga	aactgttctt	840
ctccctgctc	tacttggttc	cttctgttgt	ctaaaacctt	cttgactgtg	tccattacgc	900
caaagtgtgt	tgctacattg	ttgagaacag	cagcatctgt	gacttggaag	ggagcctgga	960
tgagccgctg	ctgaactccc	ctgagtagct	cctctatttc	cttctgtata	ttgcagacaa	1020
cctcttccat	cagccctaca	tcagctattc	ctttccagaa	catcaaagtg	tcctctgaaa	1080
tttctctga	gtctttcttt	acaccctcct	ccgtggccat	ggtgacagca	gcggtgagag	1140
ctgagttcca	ttccagccct	gcctcttcca	tgctctcttc	tgagatggca	atctgcgtga	1200
tgctaccatc	agccgaagtg	ggtgtctgca	ccacacttgt	ctgctgtcct	ggcactggag	1260
ctcttgcact	gctgatcaga	agatcaaatt	tgggtgcttct	gcaggatttg	gagcaaactt	1320
tgatcatgtt	gtaaaaatca	atctgtccgg	agtccatcat	tttctgagc	atgatccac	1380
ccagacgaat	agctctcttc	cagtccttca	gagtggactt	gccagccaga	tgaacaaagt	1440
gcttggggct	gatcaactga	tcattgaact	tgacacactt	cacgtttatt	cctggacata	1500
caaacttctt	ccagaggagg	atggctttgc	tctccccaca	agttatgggg	taagcaattt	1560
ccatatcctc	atttgcttct	atagtgcctg	tatcaatccc	ttcttcaatt	ttgtgtatcg	1620
tgtgagtttc	tactgctaca	actgccgtgt	tgttctccga	cccagcttca	taaatccctt	1680
gttgcacagg	ctgtaactgc	aaaatcaact	gggttttagt	gtcttcagga	ttctcccctt	1740
catttccttc	agtaggtacc	acaaccacat	ccccactggg	gacactcact	tctgcattag	1800
ccatctttca	catgaagtca	gatagctggg	actgctaagc	agaattcttt	cgcccttgaa	1860
aatcagtgtt	ggaaaggctg	ctagagaccc	cagtaactct	ccttcccgcg	ctcatagatg	1920
aggaaaatag	gccctaaatg	aaagaatcac	ctcaaccaca	attgagggcc	aagctagctt	1980
tctcgactcc	tctggaggac	tctactccat	ttacctcccc	aaatcctggt	ttatgaagtt	2040
tacactcgtg	c					2051

<210> 7203

<211> 1603

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1479)...(560)

<223> similar to gi5441322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7203

cttttttttt	catgtgaggt	atztattttg	cagccattca	gttcagctgt	ccagtatcag	60
gttaccaaag	acaaattttc	aaagctcccg	ttaatcccca	ccaaagtttc	tactgttcgg	120
ctacttcagg	atggctaaca	tttgagagag	agaggatccc	ccaggtagtc	tgtacataat	180
tcagagagag	gacatcagaa	ttttccatgg	ttctatttca	ggtattaagg	taccacagtg	240
aagcatgtca	tttgactgtg	gtggcaaagg	gacggcactg	agcatgccta	acctattccc	300
cggcatttca	gtccaatcag	cgcatgctcg	caatgatcat	ccatgggtga	aaaggaagag	360
ctgaaagaca	catgtgctga	gcaacattta	atctctgctt	gttaaaccgg	tgattaggcg	420

cagagtgtggc	accatccaga	cactgggaat	ttgtgccact	ccatcagttc	tgttggtctt	480
gctcattctg	ctttcctgca	gtggatgcc	cttcccaaag	aaccatgctc	caaaaaacaa	540
aagagaattt	cctcattagc	tggacttggc	tgcagcaact	gtttggtttg	gagtagctgt	600
agttgttggg	agatgggtcca	tctctgtgtc	atcaaaaaag	tatgccaaagc	agccacaga	660
aagcagcata	tggagcaaca	caattgtcac	aattgtggcc	aatgcaacgc	gtcggttatc	720
ctcacgaaca	gctggccaaa	atgtcattgc	caagagagat	cctgagatgc	ccagggcaat	780
catgactaga	atccaacgaa	cagctttgtg	ggggataatc	cacagtattg	cgggtggggat	840
ataaatgaag	agggaatatc	catagacaca	cacaatctcc	agaaatgaat	aggagacgat	900
gttcataact	ttgctgtttc	tccacatgag	gaaacccag	agtgaagag	gaaccagcca	960
ggcataggca	tagatgatgg	tagctgctat	ggacactttt	cgggaattcgg	gcacataatg	1020
gtacgtcttc	tctccagat	ggatcaagaa	gttggaaaga	ttccactaa	ttgctatggc	1080
aaagaccaac	gtggcacata	tccaaaagg	gccatagaga	tctggattgc	tgcggatata	1140
taacctcaca	aagtttttcc	cgggtattgg	caaaagagat	cctttaattc	tgtcaaagac	1200
ctggtaggtg	tccacatcaa	agaatgtttg	gtagtattca	aatgtccaga	agggggagct	1260
tttcttctgt	ccagcaagta	actcagtttt	gtcagagtca	tcatttccca	gtaactcatc	1320
atcttcttct	cttctctgagc	ctcttgggga	tcttggtctga	tgttttgggg	tttcaccagg	1380
atcctcaatg	tttactgtgg	tggcatcttg	gtttgtctgc	agagaagtgg	ctgcattgcc	1440
aaattcttca	aattgcaagt	gcctactctg	tggcattctgg	ccagtgaagc	ttctcccaat	1500
tatgaggaag	aaaatttgca	gggttctcgc	ggggttaggc	gtcccccg	tcccgagaag	1560
gctcgggcct	cagttgctcc	gcgccggttt	cgggtccagcc	cag		1603

```
<210> 7204
<211> 1967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1718)...(603)
<223> similar to gi3341992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

tttacctata	tcttctttga	ggtcaatttc	ggctgtgggt	gggtggacaa	tgccctccac	1080
tctcatggag	ccaatatggc	tgatgtcact	ctgggttaag	gacagcttct	gtcccagaac	1140
aaggctctta	gaagacagaa	tggtgaatcc	atcccctggc	ccatcttcag	aggtggaatt	1200
tgaagtctct	tctttatcgc	tgtcctttgg	tttggacttt	ttggacgtcc	gtggtttggc	1260
agccttggtt	ttcttccccc	ccttcttgcc	tgacgtggcc	ttcctgcctc	ttttctctgg	1320
gggtggggag	aggatcggtt	ccgacttgcc	tttgggtccct	cgctttttgg	ccagcagttc	1380
gggtggaatt	ctgggcagga	cgcctccact	ggcgatggtc	actcctttta	gcagctgggt	1440
gagctcctcg	tcattggcaa	ctgccagcaa	gatgtgtctc	ggggctatcc	gggccttctt	1500
gttggtccctc	gcggcattgc	cggccaattc	tagaattttcc	gctgccaggt	actcaatgac	1560
tgccgccatg	tagacagggg	cggccacgct	gatccgggtac	ttgaacgtcc	ctttcttcag	1620
ataacgcatc	agcctcccca	ctggaaagat	gacacctgcc	ctagctgaac	gggacagctt	1680
ggacattttc	ttcttcccac	tccggcccga	catcttgctt	cagtttccct	ctcagcttgc	1740
tgacacagtg	gcctcccgcc	actaacacaa	tgctggtgct	gcgccgcctg	ctcccggcgc	1800
ccggtgccct	ctgcgcggcc	ctccacgggc	gcaggtttgg	cccacgcggc	gccggtgccg	1860
ggcaggactc	tttgcccttc	tttgggttct	atctgtgcgt	gtcaatgaca	acaatcccca	1920
gttctctcgg	gtgggggggg	gggggagggg	attaatttaa	taaggat		1967

<210> 7205
 <211> 3407
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (316)...(3087)
 <223> similar to gi4803672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7205						
tttcgtccca	agataggctt	ctgagggtcaa	gtcagcgact	gaagacggga	gcgccagaat	60
ctgcggactc	aagagtctag	aatcaagtgg	aaaaaccgga	aaaaaggcca	ggaacctgaa	120
tacgacctaa	tagctgtttc	cgagggggca	acttccacgg	agaaccttct	gccctggtaa	180
cggccaaaga	ggaggagatg	gcgccagtca	gggagcggcc	gtggcccaga	cagtgaggaa	240
gcgcgaaggc	ggagcaaccg	aggaatcctc	cggagaagaa	tcagagccgt	cgctaccgcc	300
actaccgcca	ccaccatgga	aggagcaaa	ccgacattgc	agctcgtgta	ccaggcagtg	360
caggcgcttt	accacgaccc	agatcccagc	ggaaaggagc	gcgcctcttt	ttggcttggg	420
gagctgcagc	gttcggttca	tgcatgggag	atctcagacc	agttgttaca	gatccggcag	480
gatgtggagt	catgctatct	tgctgcacag	accatgaaaa	tgaagattca	gacctcattt	540
tatgagctcc	ccacagactc	tcatgcctct	ttacgggact	cattgctaac	ccatatccag	600
aacttgaaa	acttgtcacc	tgttattgta	acgcagctgg	ctttagcaat	agcagatctt	660
gccctacaga	tgccttctct	gaagggatgt	gtgcaaacac	tggtggaaaa	atacagcaat	720
gatgtgactt	ctttgccttt	tttgcctggg	atccttacag	tgttacctga	agaagtacat	780
agtcgttcct	tacgaattgg	agctaatacg	cgcacagaaa	ttatagaaga	tttggccttc	840
tactctagta	cagtagtatc	tctattgatg	acctgtgtag	aaaaagcagg	aacagatgag	900
aaaatgctta	tgaagggttt	tcgctgtttg	ggaagtgtgt	ttacttggg	agttttggac	960
agtaacttca	tggctaacaa	taaattacta	gcactccttt	ttgaggtttt	gcaacaggat	1020
aagacctcgt	ctaacctaca	tgaagctgct	tcggactgtg	tatgctcagc	tctctatgcc	1080
attgagaatg	tggagactaa	cttgccatta	gccatgcaac	tttttcaggg	agtgtctgaca	1140
ttgggagactg	cctatcatat	ggccgtggca	cgtgaagatt	tagacaaagt	tctgaattac	1200
tgccgtatct	tcactgaact	atgtgaaact	tttcttgaaa	aaattgtttg	tactccaggc	1260

caaggtcttg	gggaccttcg	aactctggag	ctgctgctta	tctgtgcagg	ccatcctcaa	1320
tatgaggtag	tagaaatttc	atttaacttt	tggtagcgac	tgggggaaca	tttgtacaaa	1380
actaacgatg	aagttattca	tggcatcttc	aaagcttaca	ttcagaggct	gcttcacgcc	1440
ttggctcgac	actgccagct	ggaaccagac	catgaggggg	ttcctgagga	gactgatgac	1500
tttggggagt	ttcgcatgag	ggtatcagac	ctggtaaagg	acttgatttt	cttgataggg	1560
tctatggagt	gtttttgctca	gttatattct	actctgaaag	aaggcaaccc	accctgggag	1620
gtgacagaag	cgtttctctt	tatcatggct	gctatagcaa	agagtgttga	tccggaaaaac	1680
aatccaacac	ttgtggaagt	cctagaagga	gttgtccgcc	tcccggagac	cgtacatacg	1740
gctgtgcat	acaccagcat	tgaattgggt	ggagagatga	gtgaagtcgt	tgatcgaaat	1800
cctcagttcc	ttgaccctgt	gttgggctat	ttgatgaaag	gcctgtgtga	aaagcccctg	1860
gcttctgctg	cagccaaagc	cattcataac	atttgctctg	tctgccgaga	tcacatggct	1920
cagcacttta	atggactcct	ggagattgcc	cgctccctcg	attccttcct	gttgtctcca	1980
gaagctgctg	tgggcttgct	aaaagggaca	gcacttgtcc	tagcccgatt	acctttggat	2040
aagattaccg	aatgtcttag	tgaactatgt	tctgttcagg	ttatggcatt	gaaaaagctg	2100
ttgtctcaag	agcccagcaa	tggcatatcc	tcagatccca	cagtgttctt	agatcgccct	2160
gcagtgatat	ttaggcatac	caatcccatt	gtggaaaatg	gacagactca	tccgtgtcag	2220
aaagtcatac	aggaaatatg	gccagtttta	tccgagactc	taaataagca	ccgagctgat	2280
aatcggaattg	tagagcggtg	ttgcagggtgc	ctgcgctttg	ctgttcgctg	tgtaggcaaa	2340
ggatctgcag	cactgctgca	gccactagtc	acacagatgg	tgaatgtgta	ccacgtacat	2400
cagcattcct	gcttctctgta	ccttggcagt	atccttgttg	atgaatatgg	catggaagaa	2460
ggctgtcggc	agggactgct	agacatgctc	caggcactgt	gcacccccac	ctttcagctc	2520
ctagaacagc	agaatgggtct	ccagaatcac	cctgacactg	tagatgacct	gttccggcta	2580
gccaccagggt	ttattcagcg	tagccctgtc	accttgctgc	ggagccaagt	ggtcatccct	2640
atcttacagt	gggccattgc	ctctactacc	ctggaccacc	gggatgccaa	ttgtagtgtc	2700
atgaggtttc	tacgagacct	cattcataca	ggggtagcca	atgatcatga	agaagacttt	2760
gaattacgga	aagaactgat	tggacagggtg	atgaaccagc	ttggacagca	gcttgtcagc	2820
cagctgctgc	acacctgctg	cttttgccctc	ccccccctata	ccctaccaga	tgtggctgaa	2880
gtgctctggg	agatcatgca	ggttgacaga	ccgacttttt	gtcgatgggt	agaaaaattcc	2940
ttaaaagggt	tgccaaagga	aacaaccgtg	ggagccgtca	cagtgcacac	caaacaactt	3000
acagacttcc	acaagcaagt	cactagtgtc	gaggaatgta	aacaagtttg	ctgggccttg	3060
cgagacttca	ccaggttgtt	tcgatagctc	acactctgct	actgtgcctg	tcacccagga	3120
atgtcttttt	taattagaag	acaggaagaa	aacaaaaacc	agactgtgtc	ccacaatcag	3180
aaacctccgt	tgtggcagag	gggccttcac	cgccaccagg	gtgtcccgcc	agacagggag	3240
agactccagc	cttctgaggc	catcctgagg	agttcctgtt	tgggggtgtg	agggaaaatc	3300
agcgcggtt	ttaaaaagat	ggctgtggcc	tgcccgcgct	ggtgggaggg	gagctgggtt	3360
cctggtgaac	tttctaaaag	gaaaaataat	tttaagtaaa	aaaaaaa		3407

<210> 7206

<211> 2759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (220)...(2759)

<223> similar to gi4929617 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7206

gtccggaatt gccgggtcga cgatttcgtg ttgaaggcga gagcttgctt ggcccgtgtc 60

gcttctgtcc	caagaaccgg	acggagagtg	agggcacgag	ggtcgctgtc	gggggctgtc	120
gtcttccacg	tacacgtcgt	cgtgaggagc	gcagtccgga	ctcttcccgc	aaccctccg	180
gctccctttc	cgcacgcctc	gaggcggcgg	cggccaccga	gacagcgcgc	gatgctggac	240
cagttgatgg	gcacctcccg	ggacggagat	acaactcgtc	aacgaatcaa	attcagtgat	300
gacagagtat	gcaagagtca	ccttctcaac	tgttgctcctc	atgatgtcct	ttctggaact	360
agaatggatc	ttggagaatg	tctgaaagtc	catgacctgg	ctttaagagc	ggattatgaa	420
attgcatcca	aagaacaaga	ttttttcttt	gaacttgatg	ccatggatca	tctgcagtca	480
ttcattgcag	attgtgatcg	tagaacagaa	gtggccaaga	aaagattagc	agaaactcaa	540
gaagagatta	gtgctgaagt	agcagcaaa	gcagaacgtg	ttcatgagtt	aaatgaagaa	600
attggtaaat	tgtagccaa	gggtgaacaa	ctaggagctg	aagggaatgt	ggaggaatcc	660
cagaaagtaa	tggatgaagt	agagaaagca	cgggcaaaga	aaagagaagc	agaggaagtt	720
tatcgggaatt	ctatgccagc	ttccagtttt	cagcagcaga	aacttcgagt	ctgtgaagtc	780
tgctctgcct	atttaggact	tcatgataat	gacagacgac	tggctgatca	ttttgggggt	840
aaactgcacc	tgggatttat	tgaataaaga	gagaagcttg	aagaattaaa	gagagtcgta	900
gctgagaagc	aggagaaaag	aaaccaggaa	cggctgaaac	gaagagaaga	gagagagaga	960
gaagaaaagg	agaagctgag	gaggtcccga	tcacacagca	agaatccaaa	aagatccagg	1020
tccagagagc	atcgcagaca	tcgatctcgc	tccatgtcac	gtgaacgcaa	gaggagaact	1080
cgatccaaat	ctcgggagaa	acgccatcgc	cacaggtccc	gctccagcag	ccgtagccgc	1140
agccgtagcc	accagagaag	tcggcacagt	tctagagata	ggagcagaga	acgatccaag	1200
aggagatcct	caaaagaaag	attcagagac	caagacttag	catcatgtga	cagagacagg	1260
agttcaagag	acagatcacc	tcgtgacaga	gatcggaag	ataagaagcg	gtcctatgag	1320
agtgcataatg	gcagatcaga	agacaggagg	agctctgaag	agcgcgaagc	aggggagatc	1380
taactagctg	tgtacatttc	ttcagtcctt	aagcttccta	cggagttagc	tactattggt	1440
tagttcacag	ctgttcaggg	tgacagtgag	cagatccaga	caccagatcc	agctaggcta	1500
gatgtacagt	atctaacttg	atctgaactg	aacctgtttt	ccttgatgat	gcctaaaact	1560
acatccatag	tttctggtga	acctgtaata	cagttctgaa	agtacagttt	tatataataa	1620
gatgctgatc	tctttattct	ttcaagtaag	agtgctagtg	aacaaattgt	gttacttgcc	1680
ttgggatttt	ttgaacgttt	gtaaaatgct	gtcttcctag	tccaaacagc	tgtagctttg	1740
ggcatttttc	tttttaatta	ttcttcctct	gactttgtat	cccttaatac	ctacactctc	1800
caattgtaag	agaaaggggg	cagggaagca	atatagcttc	cattctaagg	ctgtattccc	1860
gttatgaatt	actagctgat	tacagttcag	agcattgatac	ctggaatgtg	tgctggagaa	1920
atttaaaata	ctggggtttt	ttgtttaatg	gtgcctattt	agagttggaa	gttgaacagc	1980
tgttgcatta	catacttttg	cttttttatt	gaaattttga	aatcaaacgt	cttgattttt	2040
ctgttctggt	gaattgctat	gttcaggatg	ttctaggggg	tgggggcagg	gactcttttc	2100
gtaataagca	cttgttttat	tttgtgtgtg	tggagtataa	aggctacacc	cttattgtaa	2160
aaaaataata	ataataaaat	gaaagaaaca	atcaccacca	ccattattaa	actgtaactt	2220
gtctagtaaa	ttgtcactag	aactatttgc	tgtgggcatt	tcctctattc	tgttacgtca	2280
ttaacagtg	cttactgtgc	aaggcaccaa	aggacataaa	tacgtacttg	caaagattcc	2340
agatgagctg	ttcatgtggg	ccccttgctg	actatattcc	agccacttca	gggttggttg	2400
taatgaccgt	tatagagaag	ggctcgacct	gcagaagaaa	ctgggggtgtt	tttattctca	2460
ttcaacaaac	ccaaataaaa	acagtatatg	taaccaacat	aatgagactt	aagtttctgc	2520
cttgaagagt	tgtatatccg	ttagtaactt	aaactgtaat	tggcagggtat	cacttgatgat	2580
tctggaaatt	ctgaggaaca	cagatttcctt	aagtaatgaa	attagtatct	gtgggtatca	2640
ttaactaagg	tcacctttca	agaactgtta	atgtcctttg	tccccaagtt	tgacagattt	2700
gatgtcagag	gcattgtggc	ctctgtgaag	gtgctgagag	aatgggaaac	taaggccat	2759

<210> 7207
 <211> 2828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (138)...(1913)
 <223> similar to gi30293 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7207

tttcgtgcct	ccgtgaaaga	ctgccgggcg	catgcggtcg	gggttggttca	ctggctgtcc	60
ggggctccgc	gcgcgtcgcc	ggcccagctc	tgctcgctgac	gggaggatct	gaagccggcc	120
gcagggtcaaa	gagtaaaatg	aagtacattc	tggttactgg	tggtgttata	tcaggaattg	180
gaaaaggaat	cattgccagc	agtgtgggca	caatactcaa	gtcatgtggt	ttacatgtaa	240
cttcaatcaa	aattgacccc	tacattaaca	ttgatgcagg	aacattctct	ccttatgagc	300
atggtgaggt	ttttgtgctg	gatgatgggtg	gggaagtaga	ccttgacctg	ggtaactatg	360
agcgggttcct	tgacatccgc	ctcaccaagg	acaataatct	gaccactgga	aagatatacc	420
agtatgtcat	taacaaggaa	cggaaaggag	attacttggg	gaaaactgtc	caagttgtcc	480
ctcatatcac	agatgcaatc	caggagtggg	tgatgagaca	ggcgttaata	cctgtagatg	540
aagatggcct	ggaacctcaa	gtgtgtgtta	ttgagcttgg	tggaaccgtg	ggggacatag	600
aaagcatgcc	ctttattgag	gccttccgtc	agttccaatt	caaggtcaaa	agagagaact	660
tttgtaacat	ccacgtcagt	ctagttcccc	agccaagttc	aacaggggaa	cagaagacta	720
aacctaccca	gaatagtgtt	cgggaactta	gaggacttgg	gctttcccca	gatctgggtg	780
tatgcagggtg	ctcaaatcca	cttgacacat	cagtgaagga	gaaaatatca	atgttctgcc	840
atgttgagcc	tgaacaagtg	atctgtgtcc	acgatgtctc	atccatctac	cgagtcccct	900
tgttgttaga	ggagcaaggg	gttgtagatt	attttcttcg	aagacttgac	cttcctattg	960
agaggcagcc	aagaaaaatg	ctgatgaaat	ggaaagagat	ggctgacaga	tatgatcgct	1020
tgctggagac	ctgctctatt	gcccttgtgg	gcaaatacac	gaagttctca	gactcctatg	1080
cctctgtcat	taaggctctg	gagcattctg	cactggccat	caaccacaaa	ttggaaatca	1140
agtacataga	ttctgcgga	ttggagccca	tcacctcgca	agaagagccc	gtgcgctacc	1200
acgaagcttg	gcagaagctc	tgtagtgctc	atggagtgtc	ggttccagga	ggatttggtg	1260
ttcgaggaac	agaaggaata	atccaagcaa	ttgcctgggc	tcggaatcag	aaaaagcctt	1320
ttttgggcgt	gtgcttaggg	atgcagttgg	cagtggttga	attctcaaga	aacgtgctgg	1380
gatggcaaga	tgccaattct	acagagtttg	accctacgac	cagtcatccc	gtggtcgtag	1440
acatgccaga	acacaacca	gggcagatgg	gcggaaccat	gaggctgggc	aagaggagaa	1500
ccctgttcca	gaccaagaac	tcagtcattg	ggaaactcta	tgagagacga	gactacttgg	1560
aagagaggca	ccgccaccga	tttgaggtga	atccagtctg	gaaaaagtgt	ttggaagaac	1620
aaggcttgaa	gtttgttggc	caagatgttg	aaggagagag	aatggaaatt	gtggagttag	1680
aagatcatcc	cttttttgtt	ggggttcagt	accaccctga	gttcctgtcc	aggcctatca	1740
agccctcccc	accatacttt	ggcctcctcc	tggcctctgt	ggggcggtc	tcacattacc	1800
tccagaaagg	ctgcaggctc	tcacccaggg	acacctatag	tgacaggagt	ggaagcagct	1860
cccctgactc	tgaaatcacc	gaactgaagt	ttccatcaat	aaatcatgac	tgatcttgta	1920
gcggatgatt	cttcaagaga	cccttcaaac	ttgggtagag	tttacagctc	tgactttaca	1980
ctcggttttg	gagactttct	ttaaattatg	ttttatttaa	gattatttta	ttatgcggaa	2040
aggtattttg	gaaacttgtc	acttgcattg	cccatcacgt	gtactggctc	ctctgtgggtg	2100
tctgcctgtt	gcgtgacact	ctccttgcag	ttcttgagtt	gcggcagaa	atcgcgatgg	2160
gaaccgatgg	tgggtggggc	tgacaggtgc	cccatcggtc	accttgtttc	tcaactacct	2220
cgcacatttg	cagatgctag	cgcggttcct	gtcgctttcc	cttggatacc	tagaccgtta	2280
taaagtgtgc	cacatggact	taccgagcat	ggagagagga	ttttagctag	gatttgaaca	2340
cttggtgtcg	ggaacctcag	ggtattgctt	gccactaagc	catgaaacca	gagacaaaat	2400
ctctatactg	ccctgagttg	gggggaattc	tcagtgccaa	ctgtggctgg	tcctcatcca	2460
aagggaacgt	cagtttggtg	tcaacatgaa	acaccaagat	gtctgtctct	gaagcgtgat	2520
tttaaaatcc	ccatgcctgt	ggctgcgctt	cctattttcta	gggctgggaa	acactccttg	2580
catcaagggg	tactttacag	aacaaagaat	cttttggggg	aaacttcctc	taaaaccttc	2640
tcatatatag	acagctttga	ctggagggtc	catttttctt	ccaggatggg	gttactgcag	2700
ttgaaagggc	aatatgaagt	tactttctta	atgtgacctc	gcaataggca	tagctacgtg	2760
gcactatatt	ctggccagac	tcgatgtgta	ctctaactta	agaaataaat	cagtaaggca	2820
gaacaaga						2828

09400735-013100

<210> 7208
 <211> 869
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (170)...(802)
 <223> similar to gi3355533 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7208
 ggcacgaggt cttaatgact aacacacctc taacatttca cctctagctc agatgagaga 60
 gagaatggga cttcttggtg ctgattgttt ttcccatgcc tcaattgggt tcttttaggg 120
 agctacaaat ttacgggttc actggtgatt gatcttttca tccagcacia tggacagaag 180
 tctaaggaac gtccttggtg ttccctttgg gttcctgctt ctctttacag cctatggagg 240
 tctgcagagc ctgcagagca gcctgtacag cgaggagggc ctgggtgtca cagcgctcag 300
 caccctctat ggaggcatgc tcctgtcctc catgttcctc ccaccgctcc tcatcgagag 360
 gctgggctgc aaggggacca tcatcctctc catgtgtggc tacgtggcct tctccgtggg 420
 caacttcttc gccagctggt acactttgat cccacacctc atactgctgg gactcggggc 480
 cgccccgtg tggctctgcac agtgcacata cctcacgatc acgggaaaca cacatgcaga 540
 gaaggcggga aagcgtggca aagacatggt gaaccagtat tttggcatct tcttcctcat 600
 attccagtc tccggtgtgt ggggcaactt gatctcatcg ctggtatttg gccagactcc 660
 cagccaagag acccttccag aagagcagct cagctcctgt ggggccagtg actgcctgat 720
 ggccaccaca accaccaaca gcaccagag gccctcccag cagctggtct acaccctcct 780
 gggcatctac actgggagtg gtgtcctggc tgtcctgatg atagctgcgt tcctccaacc 840
 catacgagat gttcagcggg aaagtgaag 869

<210> 7209
 <211> 3677
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3587)...(1476)
 <223> similar to gi296366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7209
 ttctaattt tcagatcaag cttcacagca aatattaaag attatttaa tttgaagtcg 60
 atgttttggg aaatcagata taaaagtgtt ggtactgtgt ttgaccccca cgttttttgg 120
 tataacttatt tggtagaagg ttctttacat tctgatctag caaaataatg aacaccct 180

tgctggtaga	cacagctgag	cgccccgact	tcaagtggaa	gtttatctga	gccagatct	240
cagtagccag	accccgctcc	tgccccctga	agggagagca	tttgggggtg	agtcctttca	300
aagaagagcc	aatgcattag	taatttgttc	ttcaggcctg	acagaagctt	agcttccaaa	360
tacaaacaaa	cagcacttaa	aataatttta	gcaaggcacg	aagtaccaat	tactaccac	420
ctccatctga	taattgtcag	catcgattca	actcggtgca	cggtctctgc	ttctgcttcc	480
cagcaaagtc	tgaaatgtat	tccaaggatt	tcagaaccaa	atgaaaatgc	agctgctgtg	540
atcttttagta	acctcattct	ctgttgggag	agctcactta	ctcttcaact	taatggcaga	600
ctgtgatcgc	taactgcata	tggcacaaaa	acatgatcat	tatttttagc	ttcttttgct	660
taattggaaa	cttgcttcac	aaaaaacaca	aaaaggctac	gctgggtctc	agctgatgag	720
ctcgtggcgg	ccctgtgctt	gatgagggcg	gtgaggcagc	ccaagctcct	tgtgactgcc	780
ctggcttggtg	caatggggaa	gggaccaggc	agcgcgctca	tcctcaaaac	aaacaaaaac	840
agtggagaca	gcacccccgg	ccaaccagga	agcttcaggg	tgacctccag	gggagtcagc	900
caccaacagt	acaccacat	agagacacag	caggaaaggg	attgccaaaa	tctgcatttg	960
cagtctctgg	tccttaggaa	gttttgaaaa	tcagcaccag	gagtgagggc	ctcacttcta	1020
gaagtagtaa	ggcaatcaga	tgaaaaaatg	gcaagtgtca	atttaataaa	gcaaggcaga	1080
gaactgactg	acatttatat	caatctctta	aaaggatcac	aaagaaatgc	tggtagtcta	1140
ctggcagagc	ctggtcgctt	atgtgtacat	tgtcttcatt	caaagaaagg	gcaaactaat	1200
atthagacaa	atgctcagtt	ttattgattt	aattttgaca	ctagggaatc	tcacagcaga	1260
agtacaaatc	atatgtacaa	gtatttatat	caatgaaaat	ttccattggt	gatttttttg	1320
cagaatattg	gtcttgactc	tgtggaataa	atgacgacgt	aaacgtagct	gcacaggggt	1380
gttcctgtat	aatgcttgaa	tcaatttgtt	gtgaaagcat	catgcaaattg	gctaattaaa	1440
ttgggtgatg	actgaaaggt	tataaatcct	tcattccagc	tcacagagca	gatccccctc	1500
tccaactgtg	tctccagctt	gacagtgcac	agatttcacc	gtgccagttt	tcccagctgt	1560
catactattc	tgcattttca	tggcttcaat	cacacaaatt	tcttgacctt	ctgctaccgc	1620
gtctccaggc	ttgacagaga	cggccaccac	cactccgggc	atcgggggaa	gcagaacact	1680
gcttgtgtcc	tcagtcaact	tttccagcat	aaatttgttc	aattctgcgg	caagtctggt	1740
taagatattc	accttgtaca	ctgtaccaag	aaactgaatg	ctcatgtttc	cacctgcttc	1800
tcgagaaaga	cactggacag	tcctctgagt	gccatcaacg	ctgacagaca	ataagggcga	1860
agccagggtc	cacgtgctgg	tcacatttag	tttcgaccca	tcaacttcca	ccgagaacac	1920
tgacccattg	tttgatgcta	ctacggtagt	aactttatca	tgcaatttta	ctgagagctc	1980
ccagttggct	atgtctgggt	taataacagg	cattcttgaa	ttttcttgaa	aatgttgtgc	2040
tcttaactgg	aatgccacaa	acaatgatga	tgctattgcc	aataactggt	tcttctcact	2100
cttgggttagc	atgtgtcctt	tgaagccatc	aggatacaca	tcggagagaa	atttagtgct	2160
gatgtctcct	tttacaagc	gtgagttgat	tatcacctct	cgaagtaatg	caatattatg	2220
tgtaacacct	cgaataacat	agttatccag	tgcatactgc	attctcttca	gtgcctcagt	2280
tctatcagag	ccatatgtga	ttagttttga	aatcatagga	tcataataaa	tgctaataatc	2340
acttcctggt	tggatgccac	tgtccactcg	gacaccaggt	agatgtaacg	gttcttggtg	2400
ctgagacaat	ctcccaatag	atggtaaacc	aaaagacttg	taggggtcct	cagcataaac	2460
ccgacattca	actgccagc	cgttgatgcg	aatatcagct	tgtttgtgcc	tgagagggta	2520
gcccttagca	acacggatca	tttcttgac	taggtccagg	ccagtaatgc	attctgtgac	2580
aggatgctca	acctggagtc	ttgtattcat	ttccaagaaa	taaaaattct	tcttagagtc	2640
cacaaggaac	tccacggctc	cagcagagga	atattttact	gctctggcaa	gagctacagc	2700
ttgttctccc	atcgtctctc	gagtctccgc	atccaaaaaa	atgcttggtg	cttctctcac	2760
caccttctga	tttcttctct	gaattgagca	ctctctttca	ttaagccata	aagcattccc	2820
atgtttatca	cctagaacct	ggatttctat	atgacgagga	ttatcaataa	atttttctat	2880
tagtagtcta	tcacgcctca	aactagaagc	agcttcttga	gatgacaatc	taaaaccatc	2940
cctggtctct	tcatcatccc	aagcaatgcg	ctgccttttc	ccaccaccac	ctgctgaggc	3000
cttgatcatg	acagggtagc	caatttccct	tgcaattctg	acagcttctt	ctgcactcct	3060
gactactcca	tcaaagccag	ggattgtatt	aacctctgct	ttcttagcta	ataatttgct	3120
ttcaatcttg	tcgcccattg	cttgaatagc	atgtgtgtca	ggtccaatga	aaacgacatc	3180
ttctgctgcc	aaacatctgg	caaattcttt	gttttctgaa	aggaatccat	aacctggatg	3240
tacagcttgg	gccctggttt	tcttaatggc	ttccatgatg	gcatccatgt	tgaggtagct	3300
tttactgggtg	ggagctgggc	caacacagac	agcctcatcc	gccattttca	catgaacaga	3360
actagcatca	acatcactgt	ggatggcaac	tgtcttaattg	cccatcttct	tgcaagttct	3420
aataacccga	catgcaattt	ctcctctatt	agcaacaaga	attttatcaa	aagttttttc	3480
attaggatca	tatccactg	aaccaagatt	acgggacacc	attaagcact	gtcttgaata	3540
gtacagaaca	tgcttcaggg	tccgcagcgc	cgcgctcagc	atcagctgct	gcggcggcca	3600

```
ccgcccacgc cgcccggcag cgaccagcgg tgctgtcccg acccagaacc ccgccattgt 3660
tgcccccgca acgaaaag 3677
```

```
<210> 7210
<211> 4079
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(2655)
<223> similar to gi5817200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7210
cactccacac gagaaaacct gaatgctggc aactttaact tcccttctga aggacatctg 60
gtacgaagca ctgggtcccgg cgggagcttt gccaaagcaca tggtagccca gtgtgtctca 120
ccaaaggggac ctcttgcttg ttccgagaaca tacttttttg gagctactca tgttccttac 180
ttgggtggtg acagcaagct gcccaagaaa actgaacaaa ttaggctatt gtcccagata 240
tatgctgctg ttattgaggc tgttttggct ggcatgcat gttatgctaa aacttccagt 300
ctaacaaagg ccaaggaggc agcagagcaa actctgggat ctgggttaga ttcctttgag 360
ttgattccgt ttaaggcagc cctgcgctcc aagatgactt ttcatataca tgctgtgaat 420
aatcagggaa gaattgtacc gctggacagt gaagatagct tatcctttgt gaagacggct 480
tgtatggccg tctatgacat tcctgactta ctgggaggca atggttggtt aggatctgtg 540
gttttctctg aatcattttt gacttctcag atcttagtta aagaaaagga tggcactgtt 600
accacagaaa ccagctccgt agtcctgact gctgctgtac ccagattctg ctctggctg 660
gtggaagata atgaagtaaa attgtctgag aaaaccacc aagcagtgag gggggatgag 720
tctttcctgg gcacttatct aacaggagga gaaggagcat atctttattc cagcaatcta 780
cagtcctggc ctgaggaagg gaatgttcat ttcttctcta gtggccttct gttttctcac 840
tgtcgtcatg gaagtatcat catttccaag gatcacatga attccatttc cttctatgat 900
ggggattcca ccagtactgt tgctgctctt ctcatagact tcaaaagctc attgcttcct 960
cacctcccag ttcatttcca tggatcaagc aattttctga tgattgccct tttcccaaaa 1020
tcgaagatat accaagcatt ttactcagag gtcttctccc tctggaaaca gcaggataac 1080
tcagggatct ctttaaaagt gatccaggaa gatggattat ctgtggaaca aaagagattg 1140
cactccagtg cacagaagct cttcagtgcc ctgagccagc ctgctgggga gaaacggagt 1200
tccctaaagt tactctcagc caaactccca gagctggact ggtttctcca gcatttcgcc 1260
atcagcagca ttagccagga gcctgtgatg cggaccatc ttctgtgct gctgcagcaa 1320
gctgaaatca acactactca cagaatagaa agtgacaagg taattatcag cattgtaacc 1380
ggcctcccag gctgtcacgc tagcgagctc tgtgcttttc tggtcactct gcataaggaa 1440
tgtggcagat ggaatggtgta tcgccaaatc atggacagct ctgaatgttt tcatgctgca 1500
cacttccaga gatacctttc cagtgcctta gagcccagc agaaccgctc tgccgcgccag 1560
tcagcctaca tccgcaagaa gaccagactg ctggtggtgt tacaaggcta cacagatggt 1620
attgatgttg tccaggccct gcagaccac ccagactcaa atgtcaaggc ctcttcacc 1680
attggtgcca tcacagcatg tgtggagccc atgagctgct acatggagca cagatttctc 1740
tttctaaat gtcttgacca gtgttcacaa ggcctggtga gtaacgtggg attcaccagt 1800
cacaccacgg agcagcggca cctctcctt gttcagctgc agagcctcat cagggtgcc 1860
aatcctgctg cagccttcat tcttcagaa aatgggattg tcaccaggaa tgaagacatt 1920
gagctgattc tctcagaaaa cagtttttca agtcctgaga tgctacgatc tcgatattta 1980
atgtatcctg gctggtatga aggtaaattg aatgctggat cagtctatcc cctaattggt 2040
cagatctgcg tatggtttgg ccgtcccttg gagaagactc gctttgtggc caaatgtaaa 2100
```

```

gcaattcagt cctccatcaa gccaaagtccc ttctccggaa acatctacca catcctgggc 2160
aaagtgaagt tttcagactc tgagaggacc atggaggtct gctacaacac actggccaac 2220
tccttgagca tcatgccagt tttggaagga cccacaccac caccagactc caaaagcgta 2280
tctcaagaca gcagcgggca gcaggagtgc taccttggtg tcatcggctg ctccctgaag 2340
gaagacagca tcaaggactg gctgcggcag tcagctaagc agaagcctca gaggaaagcc 2400
ctgaagacca ggggggatgct gacgcaacag gagatcagga gcatccacgt aaaacgccac 2460
ttggaacccc tacctgcagg ctacttttat aatggcaccc aatttggttaa cttctttggt 2520
gacaaaactg attttcaccc actcatggac cagttcatga atgactacgt ggaagaagcc 2580
aaccgggaaa ttgagaagta taaccaggag ctggaacagc aggagtatca tgacctcttt 2640
gagctgaagc cctagaggaa ggctgggccc gtacgtcctg cagaatgtcc accttggaag 2700
tggacgaacg ggtgtcttaa cctcagctct cctggaggcc tctcccttaa ggggctgtct 2760
ttgttctcct tggcctgtgt gggctggcct gagtgcattg tgtctttatt cctgtatag 2820
cgctgaagag catcacctgc accattgatt ttgggggtcg ggggaatact caaggatgag 2880
cagatggggc ctgcccgtct acgtgtgcaa ctggcagtc aggagctctg ggtttctgat 2940
aacaggatct cctttgggct cttgagggtg gggagaagca ttaggattac acagaggagc 3000
tactgggact tagaaggaac cctggctgcc tgaactgtgg ccgtgtctgg gaggcgaggc 3060
cacgacaggc ctcaagcctc agatgctgct ccacgagagc catcttcccc agtggagtgc 3120
ctgcctcccc tgctaggccc gtttccctga aggagctggc cgtactggcc gtgggcccag 3180
tcctgggagg agcagcacag ccttgcccag gccagtgcca cagagccagc agcttgggtt 3240
gagatgaatg atgtgttcac aaatgagggg atttcccttc tggactaaac tgaaggagag 3300
gcttggtgct tccagaggt gtgtggctct taagttgaca tcagcttttc cccttggtgg 3360
tggttcttta gctctcctgt cacaccattc ggggtgtccta atgtaggagc aagagcaagc 3420
ctgctgctca ggccccctgg cgaggcttca cctcactgtg gaagggggcg tcctgcagct 3480
ggttagtctt aggcctggtg gctgatcact tgtgggggtc gtctccagca cccagcgctc 3540
ccacaagcct tgccaaggaa ggcctgcttt tcagccacaa acttcaggaa actcatcccc 3600
ccgctcccca aagtgttgtt gctggccctg ggcttggtg gtcctgagg attgggaatt 3660
tcaaataatt gcaatacctg agttagaatt ccttctaata gcatcgtttt aagctggacc 3720
ataaagcaga ggggaattac aagtgtgtcc catgcctgac cttcataatt ggtgtggggg 3780
acaggggagt cacagccact gatatttagg tgatgtctct taggacttca gtgcctcagc 3840
tgccctgaact gtaaatgttt tctgaatttc acataatttt ttttgcatgc cttaggaaga 3900
agcacatagg taaaaccagc agtttccagt aatatagggg gtttttgagc aaggcccctg 3960
gagcagcgga gagacaagat ggagcacatg tagtctgtgt gcctggtcac acagaggcct 4020
gcatgcaagt agcaaagcag ctctcaaggg cttgtcagta aaatatatta aaaaaaaaaa 4079

```

```

<210> 7211
<211> 1839
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (182)...(1100)
<223> similar to gil200232 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7211
atggaacgct gtggtatcga accgcagttg cagggtcgac ccacgcgtcc gcggacgcgt 60
gggggggtgc ggaggtgtgc agcgcgctgt cagactggct cgcaggcggc gcggccggcg 120
gacccgttcg agacagcgcg ggcggctcgg gtcccctggg gctccgcagc aggaggacgc 180
catggacgac aaggagttaa ttgaatactt taagtctcag atgaaagaag atcctgacat 240

```

```

ggcctcagca gtggctgcc tccggacgtt gctggagttc ttgaagagag ataaagggga 300
gacaatccag ggtctgaggg cgaatctcac cagtgccata gaaaccctgt gtggtgtgga 360
ctcctctgtg gcagtgtcct ctggcgggga gctcttcctc cgcttcatca gtcttgctc 420
cctggaatac tccgattact ccaaatgtaa aaagatcatg attgagcggg gagaactttt 480
tctcaggaga atatcactgt caagaaacaa aattgcagat ctgtgccata ctttcatcaa 540
agatggagcg acaatattga ctcacgccta ctccagagtg gtcctgagag tcctggaagc 600
agccgtggcg gccaagaagc gatttagtgt atacgtcaca gagtcacagc ctgatttgct 660
aggtaaagaa atggccaaag ccctctgcc cctcaacgtc cctgtcactg tgggtgctaga 720
tgctgctgtc ggctacatca tggagaaagc agatcttgct atagttgggt ctgaaggagt 780
tggtgaaaac ggaggaatta ttaacaagat tggaaaccaac cagatggctg tgtgtgccaa 840
agcacagaac aaacctttct atgtggttgc agaaagtttc aagtttgctc ggctctttcc 900
actaaaccag caagacgtcc cagataagtt taagtataag gcagacactc tcaaggctgc 960
gcagactgga caagacctca aagaggagca tccgtgggtc gactacactg ccccttcctt 1020
aatcactctg ctgtttacag acctgggctg gctgacaccc tcagcagtca gcgatgagct 1080
catcaagctc tatctgtaac ctgtgagccc tttcctgccat aggtgcagct tacgtagtgt 1140
aggcaggggt agtagctgct tgacacccca gtgagtcagg ccaaaactga gatgtgttta 1200
atgaagatgt atggagtaag gacttaaaat catacatctt ggagaacctt tcttactcat 1260
ttcagtccca tctaaaaatg tgtcagctat tctaaatccc aacttaaatt gttcttacgg 1320
tttctagaaa ctttcctttt cagtttccag aaatacaagt tagataattg gctacttaac 1380
tgatgaaaga tgagcccaag tccacctgtc ttcacacctc cctgcactcc agactgatct 1440
gcctaaagca cgcgagatgc aggcgaaaag cagccacacc cctctgccac aaatgaccaa 1500
cagctgggtc ggacgttaca cgcggtgcct tgtaagaggc aagaaacact tgccgaatct 1560
gcatctggct tccagtggta agcacattcc tcagcaggat caagccaaac agtaaaaact 1620
accaagagaa cacgaggaag gcagaaacga tgttttagcaa cagtattctg catgggtcac 1680
tgcttaagaa aatgccttct ggaatatattg taaactgaaa ttctgtatgt gtaagagatg 1740
tttaaatatg tttgggtcct aaacagcttt ttaaaattat acttggaat aaattcagca 1800
tcttttcaaa taaactctat gaaagacgca aaaaaaaaaa 1839

```

```

<210> 7212
<211> 573
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (238)...(421)
<223> similar to gi31435 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7212
ggcacgaggg ggcgtaagac ggggagagtg gcagctccga gtacacggag aagaactgga 60
aacatgcaaa aactccaaac acggtccctt gccatgtccc tgtctgacct aggcctgggg 120
taccacccca cgtgctggac cctacgtgtg ccacccctgt gctccctcca cgccctccac 180
gtgttccact gcctcttctc ttctcgtttg ggaactccag tctcacctcg gcttgcaatg 240
gaccccaact gctcctgcga ggctgggtggc tcttgccgct gcgcgggctc ctgcaagtgc 300
aaaaagtgca aatgcacctc ctgcaagaag agctgctgct cctgttgccc cctgggctgt 360
gccagtgtg cccagggtct catctgcaaa ggggcgtcag agaagtgcag ctgctgtgcc 420
tgatgtcggg acagccctgc tgtcagatga aaacagaatg acacgtaaaa tccaggattt 480
ttttttttct acaactccga ctcatctgtc acattccttt ttttctgtga aatatgtgaa 540
taataattaa acacttagac ttgaaaaaaa aaa 573

```

<210> 7213
 <211> 6411
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6408)...(0)
 <223> similar to gi5689369 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7213

ttgcgaagat	gatgatatgg	ccaagccaag	gaaggggaacc	tacagtgaag	agtacaggtg	60
tctctgatct	acatatccaa	gaactgcaag	aaaaatgtcc	agatgggcat	cagataccta	120
gtccagtcct	tggcaaaagt	ctgggctttg	gaaaccaagg	gcaagaggcg	atgacaacta	180
atctatagta	attaaaaactc	ccacccccct	attaagactc	cacctcccca	catcccccaa	240
gcgtgatttt	gcacaacaag	ttaaataaaa	gtaaactgtt	ttattaaaag	atacagcaaa	300
ggtacagata	cagagataca	tacaaagata	cagatatata	tatatattta	catatatata	360
cagtcttgct	gttttcatgt	gcactatatt	tagcagcaca	ttatttaatc	aggcggcatt	420
ttaatggggt	tgttttgaca	cttggcatta	ttaagataca	actatagccc	cgtggaaatt	480
tcaacgtttg	aattccactt	ctccgacttt	taatagtagc	aaagagggga	aggagaaggg	540
aatggagtac	caaggctgag	cattagggtta	aacacaagaa	tttaaaaggg	ccaaggtagc	600
aaagggaagg	aaaaataatt	aaaattaaag	gctatctgac	aaacaacca	gagaaacagt	660
aagaaaccat	cattaagggc	aatgggctat	gtacccaaga	tgctcacatc	aacctacaat	720
gaccttttcc	aatccagttc	ttgtgttgaa	cctgaggatc	tgccctctcc	gatcaatccc	780
tccacccgat	aaatttgcta	ccaccaaaat	ctagagctat	agagccttga	aagcaaaatc	840
gggaagctaa	atagttgtac	cttggactac	cttcccacaa	gtgcaggggag	ggcccaatgt	900
tgggtagggg	tgtgataaca	ctgttctctg	caattcgatg	cttttcaact	tgtggccttg	960
ttccacaaag	tgaattgcat	cgagttactg	tcaaattgaga	agctgcgggt	tgtttcatct	1020
gtcgtctaac	cgggccctgc	cgtttaaccc	ggccctctga	gggcaaattg	ctgctgaaaa	1080
cattatcatc	atctttgttt	tcttcaccat	ttttctccac	aggaacccat	tctccataaa	1140
cactatccgc	ttcttttttc	cgatgttgag	atccagatga	tacagggaat	tcttttggtta	1200
atgttacctg	gcttttttgt	ggagttgggt	ttgctgcagc	aatattcaga	ttgaaaaaaa	1260
taggtttggg	ttcactgagt	ttaaagggat	gatgataaaa	aggaggttct	tcttctctct	1320
catccgaaac	atgaggttta	ttcactatta	catcatcatc	ttctttactc	tgtgcgatct	1380
gtttacattt	ctcagttagt	tcttctatag	tagctcctcc	tgacttttta	gcaactttct	1440
cttctatagt	aggtggagggt	gcaggcttta	ggtttggttg	ttaaagggaca	ccagccttag	1500
cacacatggc	agctgcatta	gctttggcta	tttcaagtaa	ttgagcctta	tccaaatctg	1560
tcagacgttt	gggtgatctg	cctcgttcag	aagacctgga	tcttttacga	cggatgggag	1620
atctgctaaa	ccttcttctt	aagggtgttc	ttgatcgctt	taatctgact	ggtgagatac	1680
tgaagcttcg	tcttcttacc	acagaccttg	atcttctccg	gcggcctggg	gtgcggctcc	1740
gacggctagg	ggtgcggctc	cggcggtggg	gggtgcggct	gcggcggtcg	ggggtgcggc	1800
tgcggcggct	gggggtgcgg	ctgcggcggc	tgggggtgcg	gctgcggcgg	cttggggaaa	1860
tgctaaagct	ccttcttcta	cccacagatc	tagaccttcg	tcgacgactt	ggagtatgac	1920
tccgactccg	acgacttggg	gttcgacttc	gagctctaac	tgtctttcgg	ttatccctgg	1980
agcttgatct	tttttttttt	ctttccctag	acttggatct	gtgcttttga	gatcttttgc	2040
gcttctcttt	tgatacagat	cttcttcttc	tagactttga	tcttgatctg	ctgcttctcc	2100
tcttgcgtct	tgaacgtgac	cgtgaacgtg	tctgagagcg	atgagacttg	gacttagatg	2160
atctctttct	tgccctagaa	cgagattcac	tggtagcgtt	gcgtgatttg	tgttcagaag	2220

atttggaaacg	cttactttcga	gatcttaatg	aagagtctct	tttcttctct	ttctccccct	2280
tatcacggtt	cttatttttt	ttgctttttt	cgtgagtgtc	cttaactttt	acaaaaattt	2340
cataatcatc	tttttcctct	gaagaagact	ctgaagctct	ttctggcata	ctacttacaa	2400
ccgggctggc	agcagatctg	tcacgtccaa	catcacttgc	aagtaaaggt	ccttcaatgc	2460
cagctctaag	gcttgtaaga	cgttccatgt	ccttaggaag	taacgggtctc	actaaatctg	2520
cttcattaat	atcctcaata	ttggcagaaa	atcctgaatc	aggcagtgtc	tctttaggag	2580
ggggagggtac	ttctttttct	cctccactac	tttcttttagg	gctgagcaga	gctgctaattg	2640
tctggtcact	ctctttttaca	ggtaatgggt	cttctgtatc	cttactaaca	aggttattat	2700
tagatggtaa	atcaagatga	atatcttttag	caggcaaagg	cccttcaatg	tcagcttcac	2760
taccaccact	aggactgggtg	gaaattacca	tgtcatgttc	agtatcttga	gtagttaaag	2820
ataaatcaac	atcataattta	ttaactaaac	tgagagtaga	tgctgtggta	aattcaatac	2880
ccttactagt	tcctggttgca	tcagggttcca	gagcaaaaagg	accagtagaa	gatagagttt	2940
ctcctgcatc	agcttcacta	acaccagggt	aggtatccaa	tactgtgcac	tgtttagtct	3000
cactgggtggg	caaaaattttc	tcttcaccaa	tttccccaac	aggactagta	ccagcagcac	3060
acactgtatt	atgtttccatc	tcttttagcaa	ttaaatgatt	atttatatta	aggctctatat	3120
ttataccatg	ttcacttttcg	taaaagtcac	ctttcagggtg	ttcctcagca	tgtggttctt	3180
cacctgaatg	caatgcaatc	tcctgcatgc	caatctctgg	agcaagattt	tgatcaccag	3240
aggatagatt	aattccttttc	ataacatgtg	atgacatgat	actagattcc	agtatcattg	3300
gtgtggactc	tatagccacc	tcagttggta	ttacttgagt	ctgctctgag	actgtgacag	3360
caggctctga	aactgtcaca	gtcgattcct	ggacagaaac	agatggttct	gaaacaatca	3420
tagaagggtg	aaggactgac	accgctgggt	ccagaacagg	cacagaaggc	tccagcgcag	3480
aaacaactgg	cacaggaatg	gtaacatagt	ctggctcagc	cacaacagga	ggctccggga	3540
cagtcacaac	cgaaggctct	aggacagtta	cagtcgaaga	ctccaggaca	gtcacagtcg	3600
aagactccag	gacgggtcaca	gccgaagact	ccaggacagc	catagctgaa	gactctgggg	3660
cagccatggc	tggcggtctc	agaatgctct	ctgccagcac	tggagtagtt	actgctggaa	3720
ccaacaagga	tgtagatact	tctgaggcaa	catgtcctga	ggctctcatg	gaatcaaatg	3780
tttctgctgt	ctctgacata	acaggaggct	ctgatgctaa	cacagttggt	tcagctgaca	3840
tggcgggagt	ttcagatacc	atacaagtca	ctggtctctc	tggacaact	tcatgttctt	3900
ctgctactac	tgcagactct	acagggtgta	acgtaattga	agattctggc	tctgggtggtg	3960
gttcttggaac	agtcacagca	gcctctgata	ctaaaactga	gggatctgat	gctgacactg	4020
aataatcagt	aggcactgct	gaaggctccg	aaatctcact	ttgactcaca	ggaggctcag	4080
gctgcgatac	agactcttca	gatggtaatg	atggcacctc	tgtaggccaa	gtattttcag	4140
ctgttaatgc	tgactgctca	gtgggcaatg	ctggaccctc	tgggtggttc	tcaggaggca	4200
atgggtggtg	cattggtggc	tcctcagggtg	gcaacgggtg	cattgttggg	ggctcttcag	4260
gaggcaaagg	tggcaccata	tatgcctctg	tatatgtgtc	agtgtaaaga	tcggtgtaag	4320
aatcagcagc	catagacatc	attgaacgat	cagcagtata	agatgacatc	atagatcggg	4380
cagctgcaga	gtacgatgac	atcatagacc	ggtcagcagc	agagtatgac	gacatcatag	4440
accggtcagc	acccatggac	atcatagatc	gatcagccat	tggggacatc	atggagcggt	4500
cataagctga	catcatggag	cgttcataag	ctgacatcat	agagcgctca	gccatagggg	4560
acatcataga	gcgctcgtag	gctgacatca	tagagcgctc	gtaggctgac	atcatagagc	4620
gttcagccat	aggggacatc	atagaccgct	cataagacat	catagagcgt	tcgtaagatg	4680
acatcatgga	acgttctgca	gcataggaca	tcacataga	acgtctagat	gctaacatca	4740
ggggtctagg	tgctaaccta	tatggcctgg	gtgctattct	ataggacctg	ggtgctatcc	4800
tgtagggtct	aggtgacatc	ctatagggat	caggagttag	tctgtaggga	tcatggccta	4860
atctataagg	gtcttgtcct	aacctgtaag	catcatgacc	taatctatag	gggtcatggc	4920
ccaacctata	gggatcctga	gctaacctgt	aaggatcctg	agctaacctc	tagggatcag	4980
gagattttga	acccaacata	gcagagtctt	gggtactaga	cgctaacatc	tgggcatcca	5040
tggtagcaga	cgctaacatc	tgagcatcca	tgggtccaga	agctaacatt	tgagagtcca	5100
tagtgccaga	tgctaacatc	tgggaatcca	ttgagctagt	tgccaacatc	tgggagtcca	5160
tgggtgctgg	tgctaacatc	tgagaatcca	tgggtgctgg	tgctaacatc	tgggagtcca	5220
tggagctggg	tgctaacatc	tgggagtcca	tggagctggg	tgctaacatc	tgggagtcca	5280
tggagctggg	tgctaacatc	tgggagtcca	tgggagtcca	tgctaacatc	tgggagtcca	5340
tagtgctagt	tgctaacatc	tgggagtcca	tggagctagt	tgctaacatc	tgggagtcca	5400
tggagctagt	tgctaacatc	tgggagtcca	tgggtgctaga	cgctaacatc	tgggagtcca	5460
tgggtgttga	tgctagcatc	tgggagtcca	tgggtgttga	cgctagcatt	tgggagtcca	5520
tgggtattga	tgctaataata	tgggtctcca	tgggtgttga	agctaataata	tgggattctg	5580
gggccatcaa	gggatccact	cctactgtta	cagaagtctc	ccccactaat	gtagtaggca	5640

```

gctcctgtgc tacctgatta taggattcca gcgctgtcgt cgagggcacc tccagggact 5700
gcgacacggg catcgttgac agctccgatg ttgtcaccac agactgaaca gagatctcca 5760
gcgccacagt tgccacaggc tgcccaggca actctggcgc cccaggctgc cctggcaact 5820
ccagcaccctc tgttgccaga ggctgcccc aagctccag tgctccagct gcccagact 5880
gccccgagaa ctccagtgcc ccagctgcca tgagcggccc aggcaactct agtgccccag 5940
ttgccacagg ctgccccgac aactccagtg ccctagttgc cgaaggcagc cccggcaact 6000
ctggcaccctc agtcaccgaa ggctgcccc gcaactccag cgctgtcgtt gccactggct 6060
gtcctggcaa ctccagcacc atcgttgctt caggctgccc cagcaaccct gttgccgttg 6120
tcacctcagg atgccaggga tgttccaccg ttgtcatccc cacaggctgc tccaactctg 6180
tcgtcgtcac aggttggttc gtcaactcca ttgtactactg taccgcaggc tgctctggca 6240
actctactgc tgctgtcacc aaaggcagcc ctggcaactc ctgtgccatc acagggtggct 6300
ctgggtacctc ctgtggtggc tccaacccca ttgatgggtg tggaagccct ggcaattcct 6360
gcgacaactg tggcactggg gtcacagagg gccctggcaa ctcagacgaa a 6411

```

```

<210> 7214
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (152)...(764)
<223> similar to gi23691 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7214
aggccccac aggatgccgc tgtacctctt gaaagtgcag gctccgtagg acccaggggc 60
gagggagggg ttgctcccc aggggcagaa agcgtgtcc cgctgtacag aatcagcttc 120
agctacgggc tcctccaagc ggctgccgaa gatggcggag gtgcaggctc tgggtgcttga 180
tggtcgaggc catctcctgg gccgcctggc ggccatcgtg gctaaacagg tactgctggg 240
ccggaagggtg gtggtcgtag gctgtgaagg catcaacatt tctggcaatt tctacagaaa 300
caagttgaag tacctggctt tcctccgcaa gcggatgaac accaaccctt cccgaggccc 360
ctaccacttc cgggccccca gccgcattct ctggcggacc gtgcgaggta tgctgcccc 420
caaaaccaag cgaggccagg ccgctctgga ccgtctcaag gtgtttgacg gcatccacc 480
gccctacgac aagaaaaagc ggatgggtgg tcctgctgcc ctcaaggctc tgctgtctgaa 540
gcctacaaga aagtttgcct atctggggcg cctggctcac gaggttggct ggaagtacca 600
ggcagtgaca gccaccctgg aggagaagag gaaagagaaa gccaatgcc actaccgaa 660
gaagaaacag ctcattgaggc tacggaaaac ggccgagaag aacgtggaga agaaaattga 720
caaatacaca gaggtcctca agaccacagg actcctggtc tgagcccaat aaagactgtt 780
aatcctcaa aaaaaaaaaa 798

```

```

<210> 7215
<211> 1772
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1638)...(301)
 <223> similar to gi4868366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7215

tttttttttt	ttacatctga	atgtatttta	atataaaaaat	aacagctttc	ccccaattct	60
cgctctagga	aaatgtgcta	tgctcacctt	ccctctaccc	ctgtcccatc	aggcccagag	120
ccaaggccat	agggctgctg	aatacacatg	tgagggggcc	gaggggaaga	caacagtacc	180
aggagggcag	gcagggcacc	cccaggctgg	ccagtggagg	ggtgggggta	tcgatcccgc	240
cgggggctgg	cttggttgct	ggtgccctga	gcccttctct	gcccgcctgg	gtgttgctt	300
cactgatgga	ggtaggcgtc	cagccagatg	tcaccagact	tcttcaggga	cctgacgatg	360
tccaccagcg	cggtgaggaa	gggcttcact	tcgtagctga	ggccgtgctt	ggcacacagc	420
gacttgacca	gcggggccac	ccggctgtag	ttgtgtctcg	gcatcctggg	gaagaggtgg	480
tgctcgatct	ggaagttgag	gtgcccgtg	aaccagttgg	tgaaaagtga	gggctccacg	540
ttgcaggtgg	ctgccagctg	agagctgacc	cagtcccggg	gcttctcgtg	gccgatctcc	600
ttggggatgt	ggttcatctg	tgtgatccac	acgaaccagt	ggctttccag	gaccctgaca	660
gcaacaaaga	agagcagcac	cccagggacg	ccgtagaagg	ggaggtagga	taagaagaag	720
cgggcataga	agctggcggc	ccagagcaaa	tccgcccact	gcatgcacac	cagcatgtac	780
gccagatttt	ccacttcaaa	gttcaccagg	gtgagcagcg	gcggggccgat	caggaagaag	840
tacaggtgct	gctggttgta	gggtaggtag	ctgcgtttct	tcttgccata	ctcgacggat	900
gactcccca	ggaggaagac	gggcgccacc	gtcacgtctg	ggtctttgtg	gaagatgttg	960
ggcttggcgt	ggtgctggaa	gtggcggaag	ttccaccagt	gggcggagaa	gccctttagc	1020
tgcccatca	cgaacttctg	ggccacgtgg	ttccaccagg	acttcttgaa	gatggaggca	1080
tggccaggt	catgctgcag	acaccaggac	tgagcctgag	agatggccag	gatgaaggcg	1140
gccagggcac	tgggcaccca	gccaggaccc	aggaggtaga	taaggagcca	ggccagcacc	1200
tccatggcca	ggatgtggcc	cagtaggaaa	gcaaagaagg	tgggactggc	atcaaacagc	1260
ttcatgtcct	cggtgcctg	gtgcagggct	cggaagtcct	cgaccagctg	cgatttcagg	1320
ggtccatcct	ggctgggttc	ttccggagcc	agctctccaa	tcaacagggg	ctgtagggaac	1380
ttgcgcacaa	aattgagatc	ttgatggaag	gcacggaagg	catccgtggc	gtcctcagcg	1440
ccgtggtggc	cgatgaggcg	gctgccccct	gggtgccgct	gtgccacagc	gctgatgtcg	1500
tagacgcggc	gctcgatgac	cagccacttg	tcgccgggct	ggtcgtgcgc	gcggatctgc	1560
tcccagcaga	aggtgggcag	cggtgcccc	ggctgcgcgg	gtccctcccg	cggtcccggc	1620
tcccgcagcg	cgcccatgct	gcacgcacga	gtcctgggga	tcccaggcgg	tggccgaggt	1680
ccgagcaaga	ccccgaggga	agcgaagagc	gctcccgggc	gccgcctccg	ccgccgccc	1740
ctgctccggc	cccgcctgc	cgccgcggcc	gc			1772

<210> 7216
 <211> 1730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1636)...(497)
 <223> similar to gi3419847 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 7216
tttttttttt ttttttaaaa gtgcacatat tttattgaaa gatattccagt ttcagctttg      60
aagatatagg ctcaaagtct gttcttggct cttccagaaa ttctgcttct agagtgttca      120
taatttcaac caaaacttag aaagtttttc taaaatcaga cttttcaacc tgctgaacag      180
aactcatgtc tatacttcga tgtttaattt tggcagcatt tgtctctgtg aagcatatcc      240
aaaatcactc aaaacatcaa aactgctgat ctgatagaat gattttatttt cccattacag      300
gtaagtcatg aatggcctgt tctgagggtat gtttctgagc tatgaaggac acctactaga      360
aagctccaca cttgaagggt tctcttaagg tggtaacatt ttatggctgg acagtctctg      420
caggtaccag attccccgtt gtatccaact gcatacatTT acacgtgcat gcagacacag      480
ggcactctgc atggtccctg aaccaactaa gcatatgtcc agcatgtcca cctgtgcctgc      540
aattatgaca ccatgtaaac cagttgttaa attgggctaa ttttttgtcc ttgtcaagt      600
ccactttttc atctgatttg gttcctccag gacagctaga aactggtgtt cccatattaa      660
tgagacaaaag cgcacatcga ggaagtgggt ttcgacagcc aggacaactt gtgactttag      720
atctcgcttg tgagccactc acaccatact gactaaaacc tctgccctga tgaggcacag      780
ctgaacagct gtaggagatt gacttgccac agaaattgca actcacaaaa acttgtgcta      840
aaggcttgga actgggatcc aacttactcc tgtgaatatc aaattcagct cgtttatgcc      900
aaaacctcca ggcatctaataaatttctat aattctcaat ccagtactga accctttcat      960
ctttaagaac atctaaagggt gaaccctgta acatacagta acttgctgtt tgaacatctc     1020
cagttctatc aacataactc tccattaagt cactccatc tttagtaagg cctgtaagca     1080
aaattccttc caaatttcca gcctctttca tttcattgggt caacttttctg atgtatctat     1140
ttaactgagt atcactaagg aattttacaag caaatgccac tctgtcacgt actgcaactt     1200
tgttttcata caaaactcca tcgtaagatc ctggttccact tgtcagaaat gcaaacatga     1260
cacacaaata cgggttatTT agctgtaatc gcagtgtgct acacatttct ctccaaaggg     1320
agttcttctc atccgtataa cccgataaag ccattgctac cacattgaga ttcagatctc     1380
ctttttcaga agatgccctt catttcagga tttggattgc tcggcgaata tccaagttga     1440
acaatgccac agcagcagct ctttcccatt ccccttcttg tacaaggagg ttcaaaaatg     1500
gccccacgtc tacatccgtt cttttcttta tccaccaca agctgtaaa gctaagattc     1560
tctcttcatt taaattttga atatcacttt gcttatccaa cccactccaa ttatgtctgc     1620
tgctttccac cattcccaac gatgacttta caattgattt aattcctgca taaaccaatg     1680
atcctttgtt gcctggagat ttgtgatcca tatcttctcg gacgcgtggg     1730

```

```

<210> 7217
<211> 595
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (148)...(596)
<223> similar to gi5911843 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7217
cagaacacaa ctgccagtgg gtgtgagctc atgcacactg agatgcaggc cctgcgtgcc      60
gactggaagc agtggaaga cagtgtattc caaacgcaga gctgtttgga gaacctggtc     120
agccagatgg ccctttcgga gcaggaattc tcaggccaag tggctcaact ggagcaggcc     180
ctggaacagt tcagtgccct tctgaaaacc tgggctcagc agttaaccct cctggaaggc     240
aagaacacgg atgaggagat agtggaatgc tggcacaaag gacaagagat actggatgct     300

```



```

tggcagcctg cctatgctgg gggtttgcta tattcaatct ttacggcttc ctgactttctg 1680
tgacagtaag ccaagtgcaa aaatacactt gatgagaatt tcctctttta ataatgttat 1740
ttgaacacca catattttag atttatctta ttgtgaaagta ttagttccat tgtgcctgga 1800
aaccacactc ctttagattg ggggccgaga ggcgacaacc caacattgag gagagtttat 1860
ttttaaacat ggctagttgt cagtatgtac gtgagctagt atttttatga gtcgagtttt 1920
ttaaaggcac attctgtata ctgcttagta tatgcatttt ataccatgta attataaaac 1980
actcgagtaa gttcagcatt agaaatgttt agctttgtat gaactgagtg tgccagaaat 2040
aaacctggag caatttttaa ataagcaaaa taaaggagat ttttctattt gttcacttta 2100
atatttcac ttttgtgtac ttttatgtac tgcaaatcag atttcagtct aaagcgaaac 2160
atcagtaagt taataataaa cctatctttc ggggaagttga atattaatct gtacccaaaa 2220
cgtatttagt aaaatatattg cccccgccac cctgccatgc tgacataaca actttttataa 2280
tgttgaatag atgatatggg aaatactaata aacaacaatg taatttttg 2329

```

```

<210> 7219
<211> 1262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (452)...(1075)
<223> similar to gi3879938 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7219
gacgcggcg ctgatgggaa atccagttat caaaattgac tcaagaagag agaacctaac 60
agaacaataa caatggaaga aattgggaac attatcacia agctatcatc ctgccaaact 120
ccaggctcag atgtcacagg ttaaaaaaag tccttcatga aaaagaaaga tcttaagcag 180
catgatggat tcagaagctc atgaaaagag gccaccaata ctaacatctt caaaacaaga 240
tatatcaact catattacia atgttggtga gatgaagcat tacttgtgtg gctgctgtgc 300
agccttcaac aatgtcgcaa tcacatttcc cattcagaag gtctcttttc gacaacagct 360
gtatggcatc aaaacccggg atgcaatact tcagttgaga agggatggat ttcgaaatth 420
gtatcgtgga atccttcccc cattgatgca gaagacaact acgcttgac ttatgttttg 480
tctgtatgag gattttatcct gccttctcca caagcatgtc agtgctccag agtttgcaac 540
cagtggcgtg gcggcagtg cttgcagggac aacagaagca attttcaact cactggaaag 600
agttcagaca ttgcttcaag accacaagca tcatgacaaa ttaccaaca cttaccaggc 660
tttcaaggca ctgaaatgtc atggaattgg agagtattat cgaggcttgg tgccattct 720
tttcgggaat ggactcagca atgtcttgtt tttcggcctt cgaggctcca ttaaggagca 780
tctgcctacc gcaacgactc acagtgtctc tctggtcaat gattttatct gtggaggtct 840
attgggtgcc atgttgggat tcttgttttt tccaattaat gttgtaaaaa ctgcataca 900
gtctcagatt ggtggggaat ttcagctttt cccaagggtt ttccaaaaaa tctggctgga 960
acgggacaga aaactgataa atcttttcag aggtgcccat ctgaattacc atcggtccct 1020
catctcttgg ggcataatca atgcaactta tgagttcttg ttaaaggtta tatgaaaaaa 1080
accaacagtt tagtgccatt tatcaactga atagaccttc taagaagaat gcagtttggc 1140
ctctttctta gttggccaaa tacaagttgg tgtcataact ccaggccaca gtgagttatg 1200
ggcaaagctg ttttgcttaa gcctcaataa aacagaataa aagattccaa taggaaaata 1260
aa 1262

```

<210> 7220
 <211> 1665
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1641)...(966)
 <223> similar to gi2959872 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7220

agccacggtt	tttcccaaaa	ggattaaaaat	ggggttcccc	cggggttttc	cccccccccg	60
gggtttaaaa	cccgcccccg	gaaattaaat	ttggggcccc	caaaaaaaaa	atataacttt	120
cccccccccg	gggcaaaaaa	tttgttccct	taaaagggcc	cccccttttt	ttttttttga	180
atgagaaaac	atttattccg	tctccaaaca	gcatcccagg	ccgggcatct	ccccacgat	240
tttataatac	actcggcaca	gacagagtct	gggagccatg	gggcacccct	gccctcccca	300
ggcttcctaa	gtaacaactg	cagaatattt	acataaagct	gggtgttgtc	aggcaaagcc	360
cttccctgct	gccaggggtg	ggagcaagga	ggaagtgcc	tgagcaccag	ccccgccctc	420
acaccacggg	aggcagccca	gaggccaccg	gcacaggggtg	gtggccccca	gatcatacag	480
cagtgggcac	aggggaagca	aacctgagt	aggacacaag	agcctgggtcc	ggctccgctg	540
cacagggcag	gtgtgatggc	ccccacgagt	ctttggcaga	gaacgcagat	aatagcggt	600
cccacggcct	gacccggggc	ggggggaagc	tgaggcactt	gtcagtagca	catgggcacc	660
tgctggcttc	tagccactgc	aggcggggct	gaggtcatta	aaagcgagga	aaaacactag	720
ctaaaaaccc	tttcctaaaa	gtgccctgga	ggagtgagcg	gctgactgaa	gccctctggg	780
cacaggcact	tggggtgtgg	ctctgccagc	ccccgccagg	ctatgaggct	ccttagctgt	840
gtgtcagctg	cacaggatgg	aacaggtgaa	agagaggggc	tggcagttcc	aggaggctca	900
tgggaaagtc	cagggcagag	gggagggccc	tctctgtccc	ccttcccacg	ctaaccgccg	960
ctcagtacac	agggggcggc	tggtagccct	cggtgggtctc	cgcgttctgg	gtgaaggggtg	1020
gctgttggtg	gttggtccaca	gatgcacctg	ggtaggaggc	gtaggcagtg	ttgggggtccg	1080
gagtgggggtc	aacgtaattc	tggatgaagt	cgtccacgcc	agccttgtag	cgctggtagg	1140
ccagggaggc	cagcacaccc	caggagaaga	tggaaaagaa	gctgaagggtg	atggctgccc	1200
tcacagagtc	ggccccacc	agcacgtcct	tcgggttggt	gactgcccac	tggttggtga	1260
ggaagcagaa	accaacaaac	cacaggaagg	tccagagagc	tgagaagagc	aggtcaccaa	1320
tgaccaggta	cttgcggtca	gtggcggttc	tgatctgggg	gaaatacgcg	tcgaccacca	1380
agaagaaggc	cgaggccagg	aaggccagca	ccccgatggc	actgccatag	cggcaggcat	1440
cctcgttgcg	gttgaacacg	cagtacatct	gcttagactc	gtgggcattg	ctgtagccct	1500
caccatagat	gcaggagaac	acgatcaagg	cgaagaccaa	gcacacggcg	cgcgccacca	1560
cctgcggctg	cgtcaggaag	cgccgcaggt	cgaaggagcc	gcccgccttg	gccgcgccgt	1620
aggccccgct	ctccatgtcg	ccgtcgccgc	cgctgccgcc	gccgc		1665

<210> 7221
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (238)...(569)
 <223> similar to gi3879530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7221

gaaaaaagag	accatagact	tccatcctgg	cctagagcgg	cccttaaagt	gccagggaga	60
ggagggcggg	tggggaccac	tccagaattg	gccgctggcg	gtatcatggc	gacccggaac	120
ccccctcccc	aagactatga	aagtgatgac	gactcttatg	aagtgttgga	tttaactgag	180
tatgcaagaa	gacaccagtg	gtggaatcga	gtgtttggcc	acagttcggg	acctatggta	240
gaaaaataact	cagtagctac	ccagattgta	atgggtggcg	ttactggctg	gtgtgcagga	300
tttctgttcc	agaaagtgtg	aaaacttgca	gcaactgcag	taggtggtgg	ctttcttctt	360
cttcagattg	ctagtcatag	tggctatgtg	cagattgact	ggaagagagt	tgaaaaagat	420
gtaataaaag	caaaaagaca	gattaagaaa	cgagcgaaca	aagcagcacc	tgaaatcaac	480
aatttaattg	aagaagcaac	agaatttatc	aagcagaaca	ttgtgatatc	cagtggattt	540
gtgggaggct	ttttgctcgg	acttgcatct	taaggacatg	aatattctcc	cataacggat	600
tcaactatga	gaagagaagt	ggcagcaata	aggcagtctc	tcaaaagtca	tactgccaga	660
gtctctaggg	caaggagaaa	caactagctg	gacaatactc	aattcacaac	ttagcatttt	720
gccatctgaa	gcttggcaaa	ctagtatctg	ctgtaaaaca	acctatatgg	tatgtgaacc	780
gtagtattcc	tgagcaaaac	gtggctttca	tcgctttgta	aaaatttgca	tctgtttaga	840
aactagccta	taaaatatca	ccattggatg	tagatatgga	gagaaaagaa	atatgttggg	900
tttattgctt	agcgaaatat	tctcttttta	tttaaataaa	atgttcttca	ttgtg	955

<210> 7222

<211> 2128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (108)...(1627)

<223> similar to gi4468866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7222

acggccccgg	aattaccggg	tcgacgattt	cgtctctgag	aagccggact	acgcggcagc	60
ggctcttcaa	agcggagccg	ggagtttttg	ctacagtttt	cgccaccatg	agtcgcagct	120
ataatgatga	gctgcagttc	ttggagaaga	tcaataaaaa	ctgctggagg	atcaagaagg	180
gcttcgtgcc	caacatgcag	gttgaagggtg	ttttctatgt	gaatgatgct	ctggagaaat	240
tgatgtttga	ggaattaagg	aatgcctgtc	gaggtggtgg	tgttggtggc	ttcctgccag	300
ccatgaaaca	gattggcaat	gtggcagccc	tgccctggaat	tgttcatcga	tctattgggc	360
ttcctgatgt	ccattcagga	tatgggtttg	ctattgggaa	catggcagcc	tttgatatga	420
atgaccctga	agcagtagta	tccccagggtg	gtgtcgggtt	tgacatcaac	tgtggtgtcc	480
gcttgctaag	aaccaattta	gatgaaagtg	atgtccagcc	tgtgaaggag	caacttgccc	540
aagctatgtt	tgaccacatt	cctgtttggg	tggggtcaaa	aggtgtcatc	ccaatgaatg	600
caaagactt	ggaggaggcc	ttggagatgg	gggtggactg	gtccttaaga	gaagggtatg	660
cctgggctga	agacaaggag	cactgcgagg	agtacggaag	gatgctgcag	gctgacccca	720
ataaagtttc	tgcaaggggc	aagaaaagag	gccttctctca	gttggggacc	ctgggagcag	780

```

gcaaccatta tgcagaaatc caggttgtgg atgagatddd caatgagtat gctgctaaaa 840
aaatgggcat cgaccataag ggacaggtgt gtgtgatgat ccacagtga agcagaggct 900
tgggccacca agtagccaca gatgcgctgg tagctatgga gaaggccatg aagagagaca 960
agattatagt caatgatcgg cagttggctt gtgctcgaat cgcttcccca gagggtaag 1020
actatctgaa gggaaatggca gctgctggga actatgcctg ggtcaaccgc tcttccatga 1080
ccttcttaac ccgtcaggct ttcgccaagg tcttcaacac aaccctgat gacttggacc 1140
tacatgtgat ctatgatgtt tctcacaaca ttgccaagt ggagcagcat gtggtggacg 1200
gaaaggaacg gacactgtta gtacacagga agggatccac ccgcgctttc cctcctcacc 1260
atcccctcat tgctgttgat taccaactca ctggacagcc agtgctcatt ggtggcacca 1320
tggaacctg tagttatgtt cttactggca ctgaacaggg catgactgag acctttggaa 1380
caacctgtca tggagcgggc cgtgcattgt cccgagcaaa atctcgacgt aatttagatt 1440
tccaggatgt cttagacaaa ttggcagata tgggaattgc gatccgtgtt gcctcaccca 1500
aactggttat ggaagaggct cctgagtcct ataagaattg gacagatgtg gtaaatacct 1560
gccatgatgc tggaaatcagc aagaaagcca ttaaactgag accaattgct gtgatcaaag 1620
gatagaacct tggacagcag ggctgcctga caccaccaac cctctctgaa gtggaagtgg 1680
actgacatgc tcttctgaca tcagactcaa ggccgggacaa gttgcaaagt gtgcagctgt 1740
aactgctcac gccaaaatgg ctgatgggga ggctgctgct ttcaggggcc cgtgcttgta 1800
aaataacctt ccaggaagag gcacattgcc cacctttgga aaggaggagaa tatgccttct 1860
ccttggttgt tccacagagt tttaggaaaa tctgttaggg atgggtagat gtcaaaactgc 1920
cttacgcagt catactgac tttagccatc agattgatct tcttcacacc aagctctgtt 1980
tacattccga gaggtgtcat gaagaaagt ctgttcaata agaaaaaaaa aaaaaagggg 2040
cggccgcttt aaaggatcct tgggggggcc caagtttacg cgggcatgca acgtaatagc 2100
tttttcctta tagggagccg aattataa 2128

```

<210> 7223

<211> 7752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(3133)

<223> similar to gi3378196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7223

```

cagagacgtc agcatctcaa gggcactgtg gtatggaaaa ggacgccaca tgagtaaatt 60
ttaaaaatat aaatattdta aagggtaaaa atgaggggtcc ctgtattdtga ggatataaaa 120
gatgaaactg aagaagaaaa gataggggaa gaagaaaatg aagaagacca ggtcttctat 180
aagcctgtta ttgaagactt aagcatggaa ttggccagaa aatgcacgga actcattagc 240
gatatccgtt ataaagaaga gtttaaaaag tccaaggata agtgtacatt tgtgactgac 300
agtcctatgc taaaccatgt aaaaaatata ggtgcttdta tttctgaggc aaaatacaaa 360
ggcaccatta aagctgacct ttctaattct ctttataagc ggatgccagc cacaattgac 420
agtgttdttg caggagaagt tacacagctc cagagtggag tggcctacaa gcagaaacat 480
gatgctgcca aaggattctc agattatgcc cacatgaagg agccccctga ggttaaacad 540
gccatggagg tcaataaaca ccagagtaat attdcttdta ggaaagacgt gcaggacacc 600
cacacgtaca gtgcagaact tgaccgacca gacatcaaga tggcaaccca gatctctaag 660
atcataagca atgcagaata caagaaagga caaggaataa tgaataaaga gcccgtgta 720
attggaagac cagattdttg acatgccgtg gaagcttcta aacttdctag tcaaattaaa 780
tacaaagaaa aattcgataa tgaaatgaag gataagaaac atcattacaa tcctcttgaa 840

```

agtgtcttctt	ttaggcagaa	tcagcttgct	gctacactgg	cgagcaatgt	gaagtacaag	900
aaagacattc	aaaatatgca	tgatccagtt	tcagatctcc	caaatttggt	gttttttagac	960
catgttttga	aagccagcaa	aatgtctcagc	ggccgagaat	ataaaaagct	ctttgaggaa	1020
aacaaaggaa	tgtatcattt	tgatgcagat	gctgtggaac	atctgcacca	taaaggcaat	1080
gccgtcctcc	aaagtcaggt	gaaatataaa	gaagaatatg	agaaaaataa	gggaaagcca	1140
atgtttgaat	ttgttgagac	accatcatat	caagcttcaa	aggagggtca	aaagatgcaa	1200
agtgaaaaag	tttacaaga	ggattttgag	aaggagatta	aagggaaggtc	atcactggat	1260
ttagacaaga	ctccagaatt	tttacaatgta	aagtacatca	ccaaccttct	gagggagaaa	1320
gaatataaaa	aagatttgga	aaatgagata	aaagggaaaag	gaatggaaact	taattcagaa	1380
gttcttgata	tccaaagagc	aaagcgggcc	tctgaaatgg	caagtggaga	agaatacaag	1440
aaagacctgg	agtcaataat	taaagggaaa	ggaatgcaag	ctggcactga	cacccttgaa	1500
atgcagcatg	ccaagaaggc	tgcaagagata	gcgagtggaga	aagactataa	aagagatctg	1560
gagactgaaa	ttaaagggaa	agggatgcag	gtgagcacag	acactcttga	tgtccagaga	1620
gctaagaaaag	catccgagat	ggccagccag	aaacaataca	agaaggactt	agaaaatgaa	1680
attaaaggga	aaggaatgca	agtgcagcatg	gatatcccag	atatccttcg	agccaagagg	1740
acatctgaaa	tctatagcca	gagaaagtat	aaagatgaag	cagagaagat	gcttttctaac	1800
tattctacca	tagcagatac	tcttgaaatt	cagagaatta	agacaactca	acaaaacatt	1860
agtgcggtat	tttataagaa	agaagtggga	gctggcactg	cagtgaagaa	tagcccagag	1920
atcgaacgag	tgaagaaaaa	tcagcagaat	attagttcag	tgaaatacaa	agaagagatt	1980
aaacatgcaa	cagccatttc	tgatcctcca	gaactaaaga	gagttaaaga	aaaccagaag	2040
aacatcagca	atctccagta	taaagagcaa	aactacaagg	ccactccggt	aagcatgacc	2100
ccggagatag	agagagtggg	gcgaaaccag	gagcagctga	gtgcggtaaa	atataaggga	2160
gaacttcaac	ggggaactgc	aatttctgat	ccaccagagc	tgaagagggc	aaaagaaaac	2220
cagaaaaaca	tcagcaatgt	ttattacaga	ggtcagctgg	gaagagctac	cactttaagt	2280
gtaactcctg	aatggaaaag	agtgaagaag	aatcaagaaa	atattagctc	ggtaaaatat	2340
accagggacc	ataaacagat	gaaaggtaga	ccaagtctga	ttttagatac	acctgtctatg	2400
agacatgtta	aagaagcaca	aaatcatatt	tcaatggtaa	aataccatga	agattttgaa	2460
aaaacaaagg	ggagaggctt	tactcccgtc	gtggacgatc	ctgtgacaga	gagagtggag	2520
aagaacaccc	aggtggtcag	cgatgctgcc	tataaagggg	tccaccctca	catcgtggag	2580
atggacagga	gacctggaat	cattgttgac	ctcaaagttt	ggcgacacaga	tcctggctcc	2640
atcttcgacc	ttgatccctt	ggaagacaat	attcagctca	gaagtctcca	tatgctctct	2700
gaaaaggcga	gtcactatag	gcgacactgg	tctcgatccc	attccagcag	tactttcggg	2760
acagggtctg	gagacgacag	gtcagaaaatc	tccgagattt	accctagctt	ttcatgtctg	2820
agtgcaggtaa	caagaccgtc	tgatgaagga	gcacctgttc	ttcccggagc	ctatcagcaa	2880
agccattccc	aaggctatgg	ctacatgcac	cagaccagtg	tgtcatccat	gagatcaatg	2940
cagcattcac	caaattcaag	gacctaccga	gccatgtacg	attacagtgc	ccaggatgaa	3000
gacgaggtct	ccttttagaga	cggcgactac	atcgtcaacg	tgacgcctat	tgacgatggc	3060
tggatgtacg	gcacagtgca	gagaacaggg	agaacaggaa	tgctcccagc	gaattacatt	3120
gagtttgtaa	attaattatt	tctccctgcc	ctttgagctt	tattctaattg	tatcccaaac	3180
ctaattcttt	taaaagatag	aagatacttt	taagacaact	tggccattat	tttacaatga	3240
tgtatccttc	ctttgacaat	tagacacaca	ggtaccagga	agaagggaatg	acctctgggc	3300
tgaaaacagc	agcattttca	gtaattccta	caaacaaaaa	tctttgtgtc	tggacgcctg	3360
gtgctgctaa	ttgtgttcat	ggtttccttt	gattggctat	tgaacccttc	tgggaaatgt	3420
atttttgtag	actttaatag	agaagttgat	tgtcccttaa	atgtagcgtg	tgtttgaaac	3480
ttcttagctg	tcactttgga	atcaccccaa	gccaattctc	ttaaactctgt	aatgcagcca	3540
ataatttcaa	accggttttg	cttttgagtc	atgaggcaat	ttccaatatt	agtgaaaatt	3600
gccaatata	ataagtgtaa	acagtggcag	aaggacagtc	tggttaaaat	tatattgact	3660
ggtggcctta	gggatctaga	aacttctact	aaacagagaa	atttccttgt	tccttaggct	3720
gactggatc	tattttattc	tcatttgtag	caaggcatct	cctactctcc	atttatattc	3780
tatggacca	agtctatgct	cagttccaca	gaatgtcagg	accaataaac	ttcacagcta	3840
ctctgcaaa	ggcaaatat	aatgtcattg	atataatttc	cctagtagca	tttaccctgt	3900
tgcatgtcat	gtagattcaa	gcttctgtaa	cataggcagc	tgactgcgc	gttcctatta	3960
ttgaagcaaa	aagggtgact	gatacctaaa	agccctttct	tcctctagtc	gccagctcat	4020
cagaaaaaca	tactttgaaa	agatgcttga	gattttcctg	ctgcacgcga	ctctagtttg	4080
gaaggattta	catcttagga	aataacatgt	atactctagt	aaataagcga	tttaggtggt	4140
ccattgaaca	gctttgatta	acttaatgcc	accattgatt	tcaaagtga	gaaaatgtaa	4200
cagaagccag	tgaagcaatg	gaagctggag	tgtgactgga	aaaatactca	gcaaacaaag	4260

ttaccaatttc	catacagaga	tgatctggtg	tcttcttttg	gaaaatggta	ttcaaattct	4320
ggaatggaaa	tctagccacc	aaaacgggtt	aatcaaaaga	cgctcttttc	catttttttt	4380
tgctttttatt	ttctaaatca	tttttaaggg	aatgaaacag	gaatgtcatc	agagattttt	4440
tagtacaggc	ccaagagcct	gttctctaag	aaagaaattg	ttgccatggt	ttgatttttcg	4500
aataagtgac	tttgtaggct	tttgctagcc	cttgctgggtg	gagagtgaag	ttacatccag	4560
agtctgcagt	ccaggtcacc	aagccagcgg	cacccgtcgg	caaccctgtg	tttttctgat	4620
tgtgccgttt	actgtgacct	gcaacggggg	ggcattcact	tagggctctga	cttcacagct	4680
atgacaaaac	cgaaaaagca	aaactgcaaa	aaagtactaa	gatgtacggg	tcttgggggat	4740
atctgcctta	tatgttatat	tcaaggaaat	taacaaaaca	tctgttaaaa	catcgtttaa	4800
ggaaacgttt	actagtccaa	aggccaaagc	taattttatt	ccacttttaga	aaagttagca	4860
catgcttttg	aaaatctgtg	atttcatttt	attaggctaa	aagggtaaat	aggctttatt	4920
acactgaagc	tgcatctata	tgctactgac	ataaagttga	aaaaataaat	gcaggcaaat	4980
aactagagac	ttcttttaag	gggggtttgg	tggttttctc	tcactgaaat	ggccagtcgt	5040
gattaaagtg	ataaaacccc	atatctgttt	tggatatattg	tacacaaacc	tacaaaaata	5100
aactgaactt	gcaatatattt	tgcaaaaaaa	tctgtccgtt	aaaactgagg	ataaaatacc	5160
tgtcaatttt	tattttacta	agtatatatt	tacatttcac	ccaggcaggc	cattttcttt	5220
tgtgattata	agaaagagta	gttggtgatt	aaattttcag	actaaatata	ggacagggtac	5280
aattttggat	aaatagcaga	tttataagaa	ccgcaatgaa	aactgacttg	aaataatgct	5340
tgtaatcagg	aaagtaattt	catccaccga	tttcaaaacc	agattcactg	agcataaaaag	5400
tcaatacata	tttgaggaat	aagtctccta	aaatttttaag	cttcacgtaa	taatgtttgc	5460
atagcaaaat	atttctgctt	caagccttta	ggaattaaga	tctgatcaga	atttaactaa	5520
agggtagttg	ttttacaatg	aagactaaaa	ctgaacaaga	tgttgcatgc	tcttgagggc	5580
cataatttgg	gtagtgttgg	gcagttgtta	ataaaggctt	gtcaggggatg	ttaaggcatc	5640
ttcagggagg	aaatatttga	aaattatatg	tataaaacca	aagtgtctgtt	tttaaaagca	5700
tcatttaaaa	aaaaatgaca	tgcttgaaac	acttttccac	tttccacgtg	cttccctccc	5760
acctttgggt	tggcaacagg	tatctcgtgc	atgaagctga	cagctaaaga	agatttttaa	5820
aattgagtta	aagatgactg	tgtaaatgtc	caagcacaga	gagcatgcac	ctgactttct	5880
aaagtttgat	gtgttctcaa	gcctgacaga	agcacaaaga	acagtttgat	acacttttaa	5940
aaggttctga	aaacaaagct	gtatagggat	cctctctctc	ttgagcaaag	tataggcaac	6000
agaatatatt	gcttttggtg	taagcttttg	tagtacaatg	ttttactaat	aatttcttgt	6060
tctctaggaa	ggctttctat	ttccgcccata	tgggcaaatg	gaatccttca	tgtcttcttg	6120
tcattgttga	cacacttgca	gtgtagccca	gtttggaaat	atttatttgg	gttatcaact	6180
gcccattggag	gaggtctctt	atggatccca	gggtctcctc	cgacctccat	acaccacaca	6240
ggcatttgta	agcacagttt	ccacaagcac	cttgtaggaa	tatgggataa	gattagacca	6300
gcccctctct	gtccactggg	tttatttctt	gacgaaggat	gcagatcttg	gttggtccaa	6360
tgtgccacag	tctttcctta	tctctcccat	gctgagcttg	acaacactct	gggaatgagg	6420
aacaagactt	tttctaaaaa	gatagtggaa	gttcaaggga	tgtacctcgt	tttcagggttc	6480
atccatctcc	agtggaaatg	tttcaataaa	agatgaagaa	aatgtgtgtg	atctttaata	6540
acacatccct	atagaaagtg	gataaaagat	ataccaaaac	tgtaatacag	atatatacaa	6600
atataggtgc	ctttttgatt	actcttggtt	gtctagtatg	gtcttggaag	gaaaaccaag	6660
caagcaagtt	gctgcctatt	ctatagtaat	attttattac	acatgattga	tatttttgtg	6720
gtaggggaagt	gggatgctcc	tcagatatta	aaggtgttag	ctgattgtat	tttatctcta	6780
aagatttaga	acttttagaaa	atgccgactt	cttccatcta	tttctgaaag	gttcttttgtg	6840
gatttatata	gagttgagct	atataaacat	taacttttaga	tttgggattt	aaaatgccta	6900
ttgtaagata	gaataattgt	gaggtctggat	tcactacaca	agatgaactt	cacttcataa	6960
attaattata	ccttagcgat	ttgctttctga	taacttaaaa	gtggctagat	tgtgggttgtt	7020
ttggtttaagg	tgatatggag	gtgggagagc	tttttagttaa	gtaagaagct	atgtaaactg	7080
acaaggatgc	taaaataaaa	gtctctgaag	tattccatgc	cttttggaac	ctttcctcgc	7140
aactaactgt	caactgttga	tcaaaaaagt	caaggcattg	tatgttgctt	ctgtgggttat	7200
tattctgtga	tgcttagact	acttgaaccc	ataaacttgg	aagaatcttt	gagcaaat	7260
tctcagttgt	ctgtatgact	tcagtatatt	cctgggaatg	ccataggatt	ttttgtgctt	7320
gatacatggg	atccagtttg	catagtatca	cttcttttgta	atccagttgc	tgttaagaat	7380
gatgtacttt	aaaggaaaag	agaaaactgc	atcacagtcc	cattctccag	tgtccatgca	7440
atgaattgct	gagcatttag	gaagcagcac	caagtctatt	acaggcatgg	tgtgaaactt	7500
gatgtttgac	ctgtgatcaa	aattgaacca	ttgtacagtt	tggcttctgt	ttgcttcaaa	7560
atatgtagaa	ttgtggttga	tgattaattt	gcgagactaa	ctttgagagt	gtaacagttt	7620
tgaagaaaac	attgaatgtt	ttgcaaatga	aggggcttca	cggaatgtta	caatgttact	7680


```

aatataattt ggcttttgtt atgcaaattg ttaacaccag ctatttaaat atatttttagt 7740
agaaaaaaaa aa 7752

```

```

<210> 7224
<211> 1647
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1637)...(1121)
<223> similar to gil770564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7224
tttttttttt ttaaaaagta ttatttttatg tatatttttac cacagtcaaa aattcccaaa 60
ttatccaaac acaatcagta attaaatgcc taccatatgt atggcattgg gccaaaagat 120
aaacgtgtgt ttacagtacc cacatggctt tgttctccat tccccacaga tgtaggcaaa 180
tgtgtaatta actaacatca tgcctcctat agggccacat gtcacttcca atatcaggga 240
aaatgacctg ttctgaagtg ctcatccatt ttccaggccc aaccagaccc caaaatacat 300
cgtttatgca gaggacttgg aacacattca aaacagtaca tactttattt tcaagcatac 360
aagaaacact aaactcttcc agtgccagta cactctccat gaattcttca tatagaattg 420
ggatatattg aagcaagttg tttctgggtga aatttctgat gatcaggaat caagactcag 480
tagccctaaa ggaagagagt tttgtatcca atatcctcaa aaccaagaca tagtatattt 540
tactttcaaa gtaaactata aacattttac catatccttc aatccataaa gcatctcact 600
gtgaaatgat ccatgttgac tctgcataat tctcagaagt cacttcaagt gatgagggac 660
taactataaa acatgcatta tttgaagtac atgagcatga aacatcgaag tctacaactt 720
atcttaaaag aaagagtaag ttccaccagc tttttattgt ttgaataaca gaacacacaa 780
aaccaggcag agaagtccgc aaggaaatga tgatcatatt tcaactgttt ttggcctttt 840
ggtccttcat ctttcaagca cttactgtat tttccttttag cgattttaa acattattttg 900
atcacaaatg caattcaagt gtgaataaat aaacgtatta tcttttagca cccttccccg 960
cttggttcctt taaatagaaa aaagtgcata atgtctcttt ataggctatt ggccatagct 1020
gtcccaccta tgggttttaa aacagactgt aacttgatct tctgaaatcc ttctcgaacc 1080
acaactcggt ctgttaaaga aatccttagga aagaagtcct actgatattg tcgatagtct 1140
ccaaaagggt aggaaggtaa ctgagttgaa ggcaactggg aggggtcttc tgcaaaactga 1200
ggaccattgg gaaactgtgc agaggcaaat cttgtcaaca agataccagc tccttcaatt 1260
aaagctagga gaatgccacc cattgcggct gacccaacca tggccactgg tccatttctt 1320
gctgccagta tggctcccg taaaggacca cttgtgatgg agttccaggg atcttccttt 1380
cctctgactt gaaccatact acagtcaatc atggaaaaca gccctcccca aactgcaaag 1440
ctacctcta actgtggagc cctgggttta atagctgtca aactccctcg tagtctgtgg 1500
tttactccca ctggagaatt gcgaaaacct ttgattgctt gaaagatacc accaccaatg 1560
gtaccatcgc taaaggcccc accacagtca tccacaattc gccatgggca aggctctcgc 1620
gcgtactcct ccatcttgac tccaatg 1647

```

```

<210> 7225
<211> 2307

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (202)...(1249)
<223> similar to gi33967 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7225

gacccacgcg	tccgcgcagt	ttgctctcct	tgttttgctt	tcgagctgga	ctgttctcag	60
gcaagccggg	gagtaacttt	tagttttgct	cctgcgatta	ttcaactgac	gggctttcat	120
ttccatttca	cacaccctag	caacacttat	accttgcgga	attgtattgg	tagcgtgaaa	180
aaagcacact	gagagggcac	catgccggtg	gaaaggatgc	gcatgcgccc	gtggctggag	240
gagcagataa	actccaacac	gatcccgggg	ctcaagtggc	ttaacaagga	aaagaagatt	300
tttcagatcc	cctggatgca	tgcggctaga	catgggtggg	atgtggaaaa	agatgcacca	360
ctcttttaga	actgggcaat	ccatacagga	aagcatcaac	caggagtaga	taaacctgat	420
cccaaaacat	ggaaggcgaa	tttcagatgc	gccatgaatt	ccttgcctga	tattgaagaa	480
gtcaaggata	aaagcataaa	gaaaggaaat	aatgccttca	gggtctaccg	aatgctgccc	540
ctatcaaaac	ggccttctaa	gaaaggaaag	aaaccaaaga	cagaaaaaga	agacaaagtt	600
aagcacatca	agcaagaacc	agttgagtca	tctctggggc	ttagtaatgg	agtaagtgat	660
ctttctcctg	agtatgcggt	cctgacttca	actataaaaa	atgaagtggg	tagtacggtg	720
aacatcatag	ttgtaggaca	gtcccatctg	gacagcaaca	ttgagaatca	agagattgtc	780
accaatccgc	cagacatttg	ccaagttgta	gaggtgacca	ctgagagcga	cgagcagccg	840
gtcagcatga	gcgagctcta	ccctctgcag	atctcccccg	tgtcttccta	tgcagaaagc	900
gaaacgactg	atagtgtgcc	cagcgatgaa	gagagtgcgg	agggacggcc	acactggcgg	960
aagaggaata	ttgaaggcaa	acagtacctc	agcaacatgg	ggactcgagg	ctcctacctg	1020
ctgcccggca	tggcgctcct	cgtcacttcc	aacaaaccgg	acctccaggt	caccatcaaa	1080
gaggagagca	atccggtgcc	ttacaacagc	tcctggcccc	cttttcaaga	cctccccctt	1140
tcttcctcca	tgaccccagc	atccagcagc	agtcggccag	accgggagac	ccggggccagc	1200
gtcatcaaga	aaacatcgga	tatcacccag	gcccgcgtca	agagctgtta	agcctctgac	1260
tctccgcggt	ggttggtggg	gcttcttggc	tttgttttgt	tgtttgtttg	tattttattt	1320
ttttctctct	gacacctatt	ttagacaaat	ctaagggaaa	aagccttgac	aatagaacat	1380
tgattgctgt	gtccaactcc	agtactggag	cttctcttta	actcaggact	ccagcccatt	1440
ggtagacgtg	tgtttctaga	gcctgctgga	tctcccaggg	ctactcactc	aagttcaagg	1500
accaacaagg	gcagtggagg	tgctgcattg	cctgcggtca	aggccagcaa	ggtggagtgg	1560
atgcctcaga	acggacgaga	taatgtgaac	tagctggaat	tttttattct	tgtgaatatg	1620
tacataggca	gcactagcga	cattgcagtc	tgcttctgca	ccttatctta	aagcacttac	1680
agataggcct	tcttgtgatc	ttgctctatc	tcacagcaca	ctcagcacc	ccttctctgc	1740
ccattcccca	gcctctcttc	ctatccccat	cccatccccat	cccatccccat	cccatccccat	1800
cccgctcttt	tctacttttt	ccttccctca	aagcttccat	tccacatccg	gaggagaaga	1860
aggaaatgaa	tttctctaca	gatgtcccat	tttcagactg	ctttaaaaaa	aatccttcta	1920
atctgctatg	cttgaatgcc	acgcggtaca	aaggaaaaag	tatcatggaa	atattatgca	1980
aattcccaga	tttgaagaca	aaaatactct	aattctaacc	agagcaagct	tttttatttt	2040
ttatacaggg	gaatatttta	ttcaaggtaa	aattctaaat	aaaatataat	tgttttttat	2100
cttttctaca	gcaaatttat	aatttttaaga	ttccttttct	tgtttatcag	cagttgttat	2160
tacatccttg	tggcacattt	tttttttttaa	ttttgtaaag	gtgaaaaaag	cttttatgag	2220
ctcatgtagc	aatcagattt	tcctgtggat	tgataataaa	tgaatatgat	atatagttaa	2280
atttttaagg	ggcatcaaaa	aaaaaaa				2307

00400725-0400

<210> 7226
 <211> 1404
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1318)...(142)
 <223> similar to gi3777604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7226
 tttttttttt ttaaaaagag aaacctttat ttacaacccat gggagtccca caggagtaca 60
 caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgcgtgctc 120
 ctggccgcgc gccacccctc agtgccctat cgcaccacc atcacagtga cgttgctcgc 180
 cgagccccgc tgcaccgcct tgttgccag cctgttgag gctgcttcgt agcgggcgtc 240
 ggctgcggac ttcccttccc gggctctggat cttttcatcc tcgagacagg acaagatgaa 300
 gttcacggct tcttctgggg taaagacctt gaagagccca tcacaggcca acaaatgaa 360
 cctgtcattg ggggtcagct ggcagcgtct gatgtcggg acagaggtga caccgcagcg 420
 cttgtactgc cgtccccc aa tggagcgtga cactctagc acgccccaaa cagcccatc 480
 cctgacgttt cctccagcct tctgtatcct catccgctct tcatactgag ttggattatg 540
 ctctttgctg aggtttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat 600
 tgcccgaacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt 660
 ggcagtgagc ccatctttcc aggcaggctt ctggctggaa gcttgtttaa ggaactcttc 720
 atcagtatgc ttgaaagtgt ccaaaaggca tctcttcacg gttttctcta cactgattac 780
 atctccttta ggaaattttc tgattaagtt ttgatgcaaa ttctgtgcag caaatgttga 840
 ggctcgaatt cctccatgtc catcaaaaac agcaaatat gaaacccgag taatgaggga 900
 cgatgggggc ctacactcct cggatgatgtc gttcaggatg acgtgggcat cctgcatctc 960
 ctccctctca cccttccgct cagccacata gcccttcaga ccaaagatca ccgaagaggc 1020
 tttaaaaact ttcttttcca caagctcttc actgccattc ttctcttcct cggagggtttt 1080
 tctctttgct cctttccctt cagtctttac catctgggat attgatgtgg caagagaacc 1140
 tgaatcgcca ctgctagcgg gtgggagatc atcaaaaagc aaagggtccc ctgatcctga 1200
 gtcagtactg ctggccggag ggaggtcatc aaagagcagg ggtcctttct gagcttcttt 1260
 cccggcagcc gggcgcgcg agcgtcggg ctccggcagg tccccgaaga ggtccatggc 1320
 ggaggctggg tggaggcggc agcagcgaca gacactcagc ccgcgagcag cggccgggct 1380
 ccacgaaatc gtcgacccgg gaat 1404

<210> 7227
 <211> 991
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (45)...(565)
 <223> similar to gi4929743 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7227
cccacgcgtc cggcgaggcg cccgaagccg tcgcggcggg gaccatgttg cttccgaaca    60
tcctgctcac cgggtacacca ggggttggaa aaaccacact aggcaaagaa cttgcgtcaa    120
aatcaggact gaaatacatt aatgtgggtg atttagctcg agaagagcaa ttgtatgatg    180
gctatgatga agagtatgac tgtcccatTT tagatgaaga cagagtagtt gatgagttag    240
ataaccaaTt gagagaaggt ggagttattg ttgattacca tggttgtgat ttcttccctg    300
aacgctgggt tcatatagtt tttgtgctga gaacagatac caatgtattg tacgaaagac    360
ttgaaacaag gggttataat gagaagaaac taacagacaa tattcagtgt gagatTTTTc    420
aagttcttta tgaagaagcc acagcatcct acaaggaaga aatcgtgcat cagctgccca    480
gtaataaaac agaagagcta gaaaataatg tagatcagat cttgaaatgg attgagcagt    540
ggatcaaaga tcataactct tgacttataa ggctagctac ttaataatca ctcttgTTga    600
tatctctgcc gacatcatag aaattgttca agtgtcagta acactttatt aaaatcatgt    660
tgcagaacca gcagggtggat agtatatagg tttatgcctg tgTTTctTTT tctccatgag    720
aaagctaaac atgaaatata atgaatatag tattattaag gattgagaca aaaactgtga    780
TTTTaatact taaattgcta aagaataaat aaatctgaca aaatgggtgg atatctTTta    840
agTTtattac agaaaaaaat gcagatgatc tcttaaaata aaactaaaga taaagcaaaa    900
aaaaaaaaag gggggggccc tTTaagggaa ccaagTTtta tTcccggggg gggggggaggg    960
taaattTTTT tatatggggc cccaaattcc t                                     991

```

```

<210> 7228
<211> 791
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (761)...(279)
<223> similar to gi3688090 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7228
TTTTTTTTTT ttccaaaaaa acagccttta ttgagcagct attgggcagt gacgctgccg    60
aggcggaat cccaccacag tcctgaccgc agctgggacc cctttgcctc ctctgacacc    120
cccacctcaa tttgataccc acttcctgag caaatgtgac ccctagggcc tgggattccc    180
aaaatgacca ccccgaaatg cagcggcccc accgtctcct gaggccgggtg aggccagggg    240
gcagcagtgC ggctcagcag gtgcgaggca ggcttaggat ttcggaatca ccacctggaa    300
cttacagacg ggcagggtcg ccacggaggc ggtgaccacg ctctcaatgc ccagggtata    360
gagggcgccg cgcaggaggc cgcaggtgaa ggccaggaac ttgggtgctt cctccagata    420
ctgcaggcca gaggccatcg ggaggaggag ggggaagctg ttgtcttgca ggacgtaggT    480
cccctggtga ttggtgcgca ggctgtccat ctgcttctgg aacaccgcca cccacaggTc    540
tttgacaaag aacttgagga catccagctc ctccctgaag gccagcgtct cccggggcag    600
cctctgcct agagcctggc ccacacggaa ccccataccc tccaggaccg acaggctcat    660
cttctgtccc cccgggcccg ggtcgggggtc gtgagcccac agctcagcca ccatctccgt    720
gtgaagaaac tcaaacaaca cagtatccgc catgccccct cctcgcacgc ctaaagatgc    780
gccctcgtgc c

```

<210> 7229
 <211> 624
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (452)...(185)
 <223> similar to gi951423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7229
 tttttttttt ttgggggtgg tggggcgagt ttaattcata aagaagcctc ctgatcagaa 60
 aggggcctaa cagcctgccc ttggagagaa gtccttcctt gaggataagg cctcccaggg 120
 gaggaggtgc tgggggccag tgtaggctt caggccatcc ctggaggcca gtcctgtgct 180
 cagcaagtag tggcagagcc tggagtgatg agtgggatgg ccttctcagg tacaggactg 240
 tgctgcttct ggctgctctt gcatttgcat ttgccactca gaactgccgc gatcccagca 300
 atggccagga gccctccgca gatcagtccg ctcagctgca ggtttttcca gtcatagtag 360
 aagggatcgt ctttattggc aaatgggtca ttggcttcca aggcagtcag gcctgccagt 420
 aggagaaggg ccagggtcac tctctccatg tcacagttcg aggggcaggg ctgcaggggg 480
 agaggcactg gggcgggggg ctgcagccca cggatctgct ccagggtcac agctcaattg 540
 gtcaactgtg tgactctgca ggttcctcac tgctccttca ccagtgtcct gcgagggtcac 600
 cttggcgagg gctcacctga gctg 624

<210> 7230
 <211> 2902
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (115)...(698)
 <223> similar to gi4093190 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7230
 tgggaccaaa acaaaggagc ggcggccggg agcggactta ccttaccttc tctgccttcg 60
 gcgcgcttct cagccggggc gccgacccaa aggagccgtc cgactatgtc taacatggag 120
 aaacacctgt tcaacctgaa gttcgcggcc aaagaactga gtaggagtgc caaaaaatgc 180
 gataaggagg aaaaggccga aaaggccaaa attaaaaagg ccattcagaa gggcaacatg 240
 gaagttgcga ggatacacgc cgaaaatgcc atccgccaga agaaccaggc ggtgaatttc 300
 ttgagaatga gtgcgcgagt cgatgcagtg gctgccaggg tccagacggc ggtgacgatg 360
 ggcaagggtga ccaagtcgat ggctggtgtg gttaagtcga tggatgacgac attgaagacc 420
 atgaatctgg agaagatttc tgctttgatg gacaaattcg agcaccagtt tgagactctg 480
 gacgtccaga cgcagcaaat ggaagacacg atgagcagca cgacgacgct caccactccc 540
 cagaaccaag tggatatgct gctccaggaa atggcagatg aggcgggcct cgacctcaac 600

```

atggagctgc cgcagggcca gaccggctcc gtgggcacga gcgtggcttc ggcggagcag 660
gatgaactgt ctcagagact ggcccgctt cgggatcaag tgtgacggca gaacccgctc 720
tgagggtttcc tggccatagc caccctttga aatgctctct gtgtgttaga gagatactat 780
accctagaaa ctctgaacac gccagaatgc tgaaatgcc ttctaccttt ggggtttacag 840
ccccctccac ataaattaag aaattcagta tttctgcaact cttagctgga ttctaaagtt 900
ctgtatagct cgtaatgatg gtatTTTTat agcagccttt taacagaact agttaatttc 960
gtgtatatga atctttctcg aagatctggg caaaactgta ttcagtttcc tgcccagaat 1020
gatcagattg aaggtgggtg gtttttatta ttatttagtg tgattgatag tatctagaat 1080
ggcaggtggg gcataaaagt taaagagagg ggaaagatta cttagtttgg ttatacagtt 1140
ataaacacca tgcagtgtat tcgggtggact gtgctatttc tgtttatcct ttgggttttg 1200
gtttttgttt tttttttttg ctttcacagt gagactgcaa atgattgttc tcataacgta 1260
tattattaat aaatgtgggc ctataattta tactgaaatt accttaggat atttttgcat 1320
aatactctct tactgcttac attctataaa tttttcacgt gataattgtc tttgcgtaac 1380
tgggaaaaaat gccgaataac ttcttttatt atctggaaaa attaaatttg ttcatTTata 1440
ttttctactt actaaattga gtttttaaaa agacttagtg tgacatttga cagtgtcttt 1500
caaacgaact tctctaacaa gtttatagtt attttctgt ttcaacacta ttagaagtct 1560
tataaattat gctaattagc atggcagtc tgttacacac tcttaacatt gccaaagaac 1620
tggtgatttc gtttgagaaa accctgggac tgtgtgtgtg taggttttgt tttgatttta 1680
acaacaaaa atagaaataa aattagaact gcgttttaag ttctaatttg catttattaa 1740
tttgtccaaa agcaagaact cttggaaatc cttgaaaata taagctggaa tgttttactt 1800
agccatgcaa gtcatttatg tatacatcca gccagctgga aatctgagaa gtaaagaggt 1860
aggactggaa ggaaggagaa agcttgagtc ttaaggcta gagcccagct gtgctgcctg 1920
ccatcttctc aggaatggca gtgcgtattt tctggctgaa aagtaaagca tgtatccacc 1980
gctttctcat agcctcgaaa catggagaaa agcaacttgc ttttgccctg gcaagcatgc 2040
taacctaatg taattcaagt tttttttaac ttacctttc cttcactgga agatttttcc 2100
ataagagaat tccattgttt cagaaaataa ttataggggc ctttccaagt tctttgaaag 2160
attcataacc aactattcac tattataaca tgtttcccag tgtaaattag taaggaaaaa 2220
aaaagtgtaa caggtgcgtg cagatgagga gtgaccctca tatttaagtt attttatatt 2280
tgactggaca ttgttcagaa gtgtgcttta agggacactt gttggttgtc tgcccagcat 2340
ctctcaagaa tatccctcct gtccctccaca tgggtgtgca gggccatgtg tgaagacagc 2400
atgagtctta accctctctt tatttttatt ttgagacaga gtctcgctct gttgcccagg 2460
ctggagtgtc tgggcgcgat ctctgctcac tgcaacctcc acctcccggg ttcaagtgat 2520
tctcctgcct cagcctgcog agtagctgga attacaggtg tgcaaccaca tgcccagcta 2580
gtttttttgt attttttagt gagacagggg ttactatgt tggccaggct ggtcttgaac 2640
tctgacctc aggtgatccg cccacctcag cctcccaaag tgctgggatt acaggcatga 2700
gccactgcac ctggccttaa cccctcttta gattggaaaa aataattaca actttaaaaa 2760
tagcttagtg ttgaacctt tggtaacta aagacccttt tataatgcac atattcccaa 2820
caaaattaat atattttgtg agattaaaca atgcttgtat atgcttgaac tttcttaaaa 2880
tatgtccatg tcatactatt at 2902

```

```

<210> 7231
<211> 1445
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1157)...(816)
<223> similar to gi3886059 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7231
tttttttttt cagaatgaaa acacttacaa atcatttttta ttatgaataa tttaggatat 60
ttgggacatt catttctgag taaaatagtt caaaatagga ttttgttgat acctgttgat 120
acatattttag aaacaaaaat gagatatcct tttgaaagtt tgcctttgta gtaaattcag 180
tcattcaaat tgttttctct caagacccaa aaatgccagg ggcattgccg gctcttgagt 240
ttattctttg tttcttcata aaattcttcc atgggactct attaggtttc ccgggggtcc 300
cagctcacct aggggggaaa ggggggtaat cgggttcccc aaaatgactt tatcctttcc 360
tatggacatc tggttaacag cttgagggga cagaggatca tgaaccaaag catctgtgta 420
aaaggaacca aggtatttct tcgggttcat ggggttgctc tgggcacaca gatctgggcg 480
catgctgaat ccatgggaga ttcttccac tgtgaagggg aaggcaccac caccatgtgc 540
gaaacacact ttcagtttgg gaaacttctc aaatactcca cccatgatca tggagcaaat 600
ggctatggtg gtctctgctg gcatttctac aagccaaggg agccagtatt tggccattcg 660
tccatccatc tgcattgtcc agggatgcac gaacagggaa cacttcagcc ttcgggctgc 720
cgcatagaca ggaaagagct cctgcgcgtt cagggtccac tcgttgacgt ggggtgccaat 780
ttggaccccc ggaaagccca gctctttcac acagcgctcc atctccttga ccgccagctc 840
aggggcctgc atgggcaacg tccccagacc cacgaacctc ctggggtagc tcacaacggt 900
gctggcaagg tcgttggtta aaagctggca cagggtttaa gtgtcctcag gtttggtcca 960
gtagctaaac atgacaggaa ctgtggaaag ggcttgcaat gttactcctt tttgggtccat 1020
ttctctaata cgaacttctg gatcccagca attctctcgc accactctga agactttccc 1080
atctttcaac aactttgctt ctcccttgct gtggtgttgg agctgcaccc agcctccgta 1140
gccaaacctc tttactggc tgccctgttt tccctgtctc acttcctcac tctactggtg 1200
tttcttggtg tcacctccaa agcaaactac ttgcatctga atccttgtct cagggtctgc 1260
tttttttagat ctggccattc ttttggtaga atatgactat ggatgtcaat tttcatctcc 1320
acaggatcag agaagcatgc aaggaaagaa gttttgatat caagagacct ttgtgaaaac 1380
tgtggagtta attgatttac ttagtccctt tacagcaacc ttcaggcagc agtcagtagg 1440
cctgc 1445

```

```

<210> 7232
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(1168)
<223> similar to gi30446 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7232
gcggacagag ggctggaaac aagacgctcc agaatcagga gcttcccctc aggaaatagc 60
atcctgtgtc cccgcaactg agttgtctgg tctctccagc agtttggtac ttccggctgc 120
tgcaatgcgt gtggtggtga ttggagcagg agtcatcggg ctgtccaccg cctctgcat 180
ccatgagcgc taccactcag tcctgcagcc actggacata aaggctctac cggaaccgctt 240
caccacctc accaccaccg acgtggctgc cggcctctgg cagccctacc tttctgacct 300
caacaacca caggaggcgg actggagcca acagacctt gactatctcc tgagccatgt 360
ccattctccc aacgctgaaa acctgggcct gttcctaata tcgggctaca acctcttcca 420
tgaagccatt ccggaccctt cctggaagga cacagttctg ggatttcgga agctgacccc 480
cagagagctg gatattgtcc cagattacgg ctatggctgg ttccacacaa gcctaattct 540
ggagggaaag aactatctac agtggctgac tgaaagggtta actgagaggg gagtgaagtt 600

```

cttccagcgg	aaagtggagt	cttttgagga	ggtggcaaga	gaaggcgcag	acgtgattgt	660
caactgcact	ggggatatggg	ctggggcgct	acaacgagac	cccctgctgc	agccaggccg	720
ggggcagatc	atgaagggtgg	acgccccttg	gatgaagcac	ttcatttctca	cccatgaccc	780
agagagagggc	atctacaatt	ccccgtacat	catcccaggg	acccagacag	ttactcttgg	840
aggcatcttc	cagttgggaa	actggagtga	actaaacaat	atccaggacc	acaacacccat	900
ttgggaaggc	tgctgcagac	tggagcccac	actgaagaat	gcaagaatta	ttggtgaacg	960
aactggcttc	cggccagtac	gccccagat	tcggctagaa	agagaacagc	ttcgactgg	1020
acctttaaac	acagaggtca	tccacaacta	tggccatgga	ggctacgggc	tcaccatcca	1080
ctggggatgt	gccctggagg	cagccaagct	ctttgggaga	atcctggaag	aaaagaaatt	1140
gtccagaatg	ccaccatccc	acctctgaag	actccagtga	ctgctgcctc	ccccacaag	1200
aactcccttc	tcccctcagc	caatgaatca	atgtgtcct	tcataagcca	ttgcttctcc	1260
ctcacttctt	tccctcaaaga	agcatgaggt	gagagaaagc	cacaaagtca	gtgcctggag	1320
aagggttcag	cccaacatgg	ggcccctctc	atcactgaaa	tccctctacc	ttctctgggt	1380
ctggcattat	aaagaacagc	tgaggctgtc	attccatgag	tcttcagaag	aaaggacagc	1440
tcagaaaatc	aaagaggcca	actgcccgag	gccacagaaa	atggaggata	attgaggcta	1500
agtaacctga	ttacaagttg	tactaacata	ttaaagggttc	tgaaaagtcc	tgcagcaaaag	1560
acaaa						1565

<210> 7233
 <211> 1826
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1801)...(1034)
 <223> similar to gil806180 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7233	
tttttttttt	ttcctgattt agcagatacg tttattcaac acagtgcattg attcaaagca 60
tcggatattc	cacagccaac aagggttctt attccctatt acaaaatacc ggataccctg 120
aatatagctc	attcaagggtc ctcggttctt tttccctat atctagaatt aaacagggtt 180
ccccgtttag	cgcacatttc acgttcgctg aaggccttgg ggagaggggg aaacagagct 240
tatgactgcc	cctctgaacc aaaggcactt aatgttaaaa gataaagcac agtagagtca 300
ccccacagac	attcctatgt gttcaacggc tgaacttcag cataccatca ccggcccat 360
gtgggattca	tcataacaac gtaaaagaca ctgatttctt tggaaaaaca aagtgcagta 420
cgaatataaa	ggagtcacca caccctctt ccgaaaataa tacataagag aactcttact 480
ttacatgatt	agtatcactc aagggttcaca catggaaaaa atagctaaaa aataatctat 540
cataaattct	cacttatgaa gtcacaatag aatctgatac cctttttaga actggtgagt 600
tggagagaca	cccagaggtc atgtgtcca tcccttcatt tgatagggga gggcacttga 660
ggcccaggaa	ggtcaagcgt cggacctggg gtctaaccct tgtggcagag cctgcgtagg 720
acgcgggcct	cctgaagcct agctcagggt tccctccact ccccttcctc tttaaagact 780
ctcaaaagta	aaatatggcg atgatctcca aagatgcacc acaccataaa gcacatgcac 840
tgaccaggt	cagcaatttg gtctcacaag gcggttctt tggccatttg gcaggatatgt 900
aaccacctc	aggggtgggaa ttctttgcat gggatcggtt aaagttctga gaaaagccca 960
atgtagggtca	gacacgactg ctcttggac tggggaagac tttccttggg tgtcagtcca 1020
tagtgggcag	gcggtcggct gcacagcgga atcccagatt cgaagcagag ctatcagggtg 1080
tgttctggct	ccgagcagca cagcgatacc tgtaacaata agacctatgg cacatgtagg 1140
atccaccttt	cttactcgg tctttccag aagggggacc ttttgggtta agcgtttctt 1200

caacagaatg	atgaacagtc	caccagtctg	aagtccattc	ccatgcgttc	cccactatgt	1260
tgtataagcc	ataaccattg	ggaggggaagg	catcaacagg	cgcagttcct	tggaagccat	1320
cctcaccagt	gttgggtcacc	ggaaactcgc	cctgccaaat	gttggcataa	tgctggcctt	1380
tgggctgcag	tttgttgccc	caggggaaaa	gtctattatg	caggcctcct	cgacagctgt	1440
attcccactc	agcttccgtg	ggcagccgct	tccctgcccc	agtgcagtag	gcaaccgcat	1500
cattccagga	cacatggaga	actggatgat	ccggcctgtg	cagaatagta	gagtcaggcc	1560
cttctgggtg	tctccagtta	gcgcctttca	caggtaacca	ccagggagca	gctgcaacct	1620
ctgtcaaata	gccagttgag	ttcacaaact	tctcaaattc	agtattactg	acttcatagg	1680
catccatgta	aaaggcatca	atagtaactc	tcctcgcagg	tgcttcccca	tcctgcttta	1740
tctgaggatc	atctgtgccc	attgtaaata	ctccagcagg	gatggggacc	atctttgagt	1800
gcgcgagttg	ccgccccacg	cgtccg				1826

<210> 7234
 <211> 1129
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1031)...(274)
 <223> similar to gi3875535 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7234						
aatgaataca	ggtaacacag	gtataatttt	actgctattc	tgattttatg	aatgaggaaa	60
ctacgtctca	gagagggtcaa	gctgcttgca	taaagtccca	cagagagtta	gagagggatt	120
aaaatacagt	tcccctgcct	ggttgttctt	ctctttttacc	atatcactta	ctagggcttt	180
gtttcattat	ccaaaaattc	aggtacagca	tctaattagt	tactaagtaa	caattttcaa	240
aggctaaaca	tgattcttaa	attttaaaac	ttaccgtggg	atccacagcc	ttgactttct	300
ctgtgggaat	gtgctttggc	tcaggttctg	tctgtgacag	caccacacat	ccttcagccc	360
ctaaggtaat	gattaccacc	tggcagcccc	ttttcaagag	cactaatgca	gcctccccag	420
catctgcagc	gctgcccacc	gtgaggccag	ttaaaatctc	agcctcactt	tcattgcagc	480
agaacacatc	tgagagggtg	tagaactggg	gatccaggtc	agcaatggca	ggggctggat	540
tgaacaagg	tttcaactcca	ctcctgcggg	ccattgttag	ggcttccaaa	gaagttgctg	600
gagttatttc	gagctggcag	accatgactt	tggtctctgct	aatgacattg	gctgctgccc	660
tcagatcctc	cgtatttcaa	agtaaatttg	ctccagccac	tatgacaatg	atattctggc	720
cttcattatt	gacaattata	gaagcagttc	ctgtagcagc	atcttttagtc	tgatatgtaa	780
attctgtaga	aatatcattc	tgtttttaagt	tttctatata	atcattgcc	aaagaatctt	840
tgccaacctt	acacaccatg	gacgtcattg	ctccaagccg	agcagcttgg	acacactgg	900
tgccaccttt	ccctccaaag	ccaataaaaa	acttatgtcc	atggatgggt	tctccagttt	960
ttggcaaacg	agaagtaaga	ctgaccaggt	cggctcatgca	ggagcccacc	actaccaccg	1020
ccgccacctc	ctcttgccac	tgcctctggg	gttccccaga	cgcgcgcac	gctcaaagg	1080
gctgctgtcc	aacctggacg	gtgacccccc	gcgtccgccc	acgcgtccg		1129

<210> 7235
 <211> 1353

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (174)...(894)
 <223> similar to gi6010105 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7235

gc	at	ct	ct	gc	ac	ag	gt	ct	cc	gatt	gg	tg	gc	a	g	cc	ac	ag	cc	tg	gc	ct	tt	tt	a	g	g	g	act	gt	tt	g	60		
tc	gc	gc	gt	tt	aa	ag	t	ga	tag	gg	aa	a	gg	gt	c	cag	t	gg	ct	gc	tt	tt	at	c	g	a	c	a	a	a	a	a	120		
tt	tt	c	ct	g	a	c	c	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	180		
tg	ct	g	ct	c	ct	tg	ag	a	g	a	c	a	g	a	c	a	g	a	c	a	g	a	g	a	c	g	g	a	c	c	c	a	g	240	
ag	cc	ct	gg	gc	tg	ct	g	cc	ag	c	ct	gg	c	ct	tg	ct	tg	c	ct	g	t	g	c	a	c	g	t	c	a	c	c	a	g	300	
tg	t	ct	a	g	c	g	c	a	t	t	c	c	c	t	a	a	c	a	g	g	g	g	t	g	t	g	g	g	g	g	g	g	g	360	
aa	at	g	g	t	t	a	t	a	g	t	g	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	420	
ag	c	a	a	g	a	a	g	t	a	g	t	g	g	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	480	
ct	g	g	a	g	a	t	g	a	a	c	a	g	a	g	a	g	a	g	a	g	a	g	a	g	a	g	a	g	a	g	a	g	a	540	
aaa	at	g	g	g	a	t	a	t	g	c	c	t	t	t	g	c	c	t	t	t	g	c	c	t	t	t	g	c	c	t	t	t	t	t	600
act	c	t	t	t	c	t	t	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	660	
ct	c	c	a	g	a	c	t	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	720	
agg	g	c	a	g	t	g	g	g	c	a	a	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	780	
ag	a	c	a	g	a	g	a	c	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	840	
agg	a	g	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	900	
cat	g	ct	t	c	a	t	t	c	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	960	
ct	c	t	c	c	a	c	a	a	a	a	c	t	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1020	
tg	a	g	a	g	a	c	t	t	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1080	
aaa	a	at	t	t	a	a	a	t	a	a	t	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1140	
a	a	g	a	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	1200	
aaaa	a	a	a	a	t	g	a	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1260	
c	g	c	ct	t	a	t	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1320	
cat	a	t	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1353	

<210> 7236
 <211> 1502
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1378)...(278)
 <223> similar to gi2125812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7236
 atttacttca ggtgtaaaga atatatttatt tcaatacttc aatattgaaa tcagctatca 60

cacatatcca	ccaactgata	tttcattgtc	catctctcag	gagatattca	aagtgagatt	120
aatttaataga	agcctttctca	gcaaaccctag	aacactgtac	ttcatcttca	aattttaagtc	180
atagccttta	ataagttact	tcctagtcat	tattttatag	tatttatgaa	atagtgcatt	240
atatcaatga	ggatatcattt	aagaggcaaa	tactctatag	atttggaattt	gtcatcccaa	300
ttccttggca	ttcaataata	taagtatctt	tagcggcgtc	ttcttcatct	tctgatttct	360
tcacaataaa	tttagccttt	gctatttgtt	cagcaaaaatg	tatcgcggtt	tgcgtatgga	420
gtgtaactgg	tcctgttttt	attctggaaa	ctccattggc	taatgccatg	aaaacaatca	480
gctggtcttg	cagataactca	tccacagtac	caccatgtct	aagatttgc	aatagcattt	540
cggcagcttc	aattccaact	ttgtctgcat	ttacacctcg	tttaccaagc	gatgatccag	600
caaacaaaca	gccagtggag	gtctcagcaa	taattattat	tccattttcca	ttgccaaatg	660
cttggtcttt	aggttcttga	acaggctgga	tgtaacata	caaatcccgg	atctcctttc	720
tgatgcatct	aactgctgcc	gctgccatat	cttttgctac	tttaaattggc	aaaacaccag	780
caacgaaagc	tcttccatat	atcttagtca	cacagccacg	ctcagttaaa	tttatagggt	840
tcaattgttt	aactggtgac	attcgaacaa	tcacttcacc	accccttttt	gggtaatac	900
cccttgtttt	aatgtcacaa	ttaaatatga	aaccaaaattt	ttcaacaatt	ggcttgaaga	960
ccatcactgt	ataatcgatc	tgtggtgcca	tttcagcatt	agttccacct	ttcaaatgaa	1020
gttctgatgg	agaagcagca	aagagaacac	acggcattga	gacctgcatc	aagaggcaca	1080
cactccctgc	tgtcttggtg	tctgctgtgt	ggattccacc	tttgatcttc	tctggtgtaa	1140
aggttatttc	tggtgagcca	atttctgccc	cctccagttg	cccatcacac	aaatctcgaa	1200
tcatttccag	tccagataaa	tggtgaggcc	tcaggcctgg	cgtgctccgg	ccggctcgga	1260
tcttctgcac	ccgcaagggg	aggcctagga	gacagctcaa	ggccgtagag	actctcagga	1320
tctggccgcc	cccttccatg	atgctgccat	cgacctccac	ccgcggtccc	gccatggggg	1380
acaccctggg	gcccagcccc	cagcgacaaa	gcctccgcca	gagcgggaga	aagaagagac	1440
gttggtctcc	gcccagtagt	tcagaaacct	tggttcatgc	ctgggggtgc	aggagcctga	1500
cg						1502

<210> 7237

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (321)...(721)

<223> similar to gi872315 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7237

ctcgaccgcc	tgatgactcc	cctcaggaaa	cgcgcccaag	acgagattaa	ccaacgcaga	60
tataggaaca	ccaagcaatc	ttcagcacat	tggacatggt	ggttgggata	caaatacagg	120
ctttgatctg	aataatttgg	atccagaatt	gaagaatctt	ttcgatatgt	gtggaatctc	180
agaggcacia	cttacagaca	gagaaacatc	aaaagttata	tatgacttta	ttgcaaaaac	240
aggaggcggt	gaagctgtta	aaaatgaact	gcgagggtt	gggtgcgttc	aagattcaac	300
ttcaccgcgt	acccaccgcc	atggccgagg	aaggcattgc	tgctggagggt	gtaatggacg	360
ttaatactgc	tttacaagag	gttctgaaga	ctgccctcat	ccacgatggc	ctagcacgtg	420
gaattcgaga	agctgcaaaa	gccttagaca	agcgccaagc	ccatctttgt	gtgcttgcac	480
ccaactgtga	tgagcctatg	tatgtcaagt	tgggtggaggc	cctttgtgct	gaacacaaaa	540
tcaacctaat	taaggttgat	gacaacaaga	aactaggaga	atgggtaggc	ctttgtaaaa	600
ttgacagaga	ggggaaaccc	cgtaaagtgg	ttggttgacg	ttgtgtagta	gttaaggact	660
atggcaagga	gtctcaggcc	aaggatgtca	ttgaagagta	tttcaaatgc	aagaaatgaa	720

gaaataaatc tttggctcac aaaaaacaaa agtcgacgcg gccgca

766

<210> 7238
<211> 1339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (381)...(1132)
<223> similar to gi4972109 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7238
ccgcgtacgc gcgctcgcac gcatcccggc ctactgccc ctcgactcct gttccgttgg 60
aggggcctga ggcgagcctg agcgcgctgt tggccggagg gaagccggag gagaccgggt 120
cgactgggca gagcggcaga gggtcgagga gcctgctctg cacgcccagg gagtagaagt 180
gggcaggag cagggtcacg tgagggagcg cgccgcgact gagcttgggt ccgactggag 240
ctcaggctcg cgacccagac tgggtgggcca ggccccaag ccggccttac acccaatcca 300
aggaggacag accggacaca gagggacgga gcgagcaagg agacatggct tcatcattcc 360
tgcccgcggg ggccatcacc ggcgacagcg gtggagagct gagctcaggg gacgactccg 420
gggaggtgga gttcccccat agccctgaga tcgaggagac cagttgcctg gccgagctgt 480
ttgagaaggc tgccgcgcac ctgcaaggcc tgattcaggt ggccagcagg gagcagctct 540
tgtacctgta tgccaggtac aaacaggtca aagttggaaa ttgtaatact cctaaaccaa 600
gcttctttga ttttgaagga aagcaaaaat gggaagcttg gaaagcactt ggtgattcaa 660
gccccagcca agcaatgcag gaatatatcg cagtagttaa aaaactagat ccaggttgga 720
atcctcagat accagagaag aaaggaaaag aagcaaatac aggttttggt gggccagtta 780
ttagtctct atcatatgaa gaaacatca gggaagaaga caaaaatata tttgattact 840
gcagggaaaa caacattgac catataacca aagccatcaa atcgaaaaat gtggatgtga 900
atgtgaaaga tgaagagggt agggctctac ttactgggc ctgtgatcga ggacataagg 960
aactagtcac agtggtgctg caacatagag ctgacattaa ctgtcaggac aatgaaggcc 1020
aaacagctct acattatgcc tctgcctgtg agtttctgga tattgtagag ctgctgctcc 1080
agtctggtgc tgacccact ctccgagacc aggatggctg cctgccagag gaggtgacag 1140
gctgcaaaac agtttctttg gtgctgcagc ggcacacaac tggcaaggct taatcaaaag 1200
actggaaaaac tgcagtctgt aatagcataa ggcttccatt atgaaagaaa actacaaaaa 1260
ataatacttc ttttccaccc gtcttttggt tgtattggct aataaaatca gttctgtgga 1320
actgggaaaa aaaaaaaaaa 1339

<210> 7239
<211> 3122
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2669)...(2950)

<223> similar to gi5902972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7239

cgtccccggc	gcataaggct	tgcggggccc	accaggatac	ccgaagtcac	ctcctgtagc	60
ttccccagga	gctgcggtgc	cttctcttgt	gtctttttct	gcggggctca	cccagaagcc	120
tttccccagt	gatggggggc	ttgtcctctt	taacaaagtg	ctggtgaacg	acggggatgt	180
ttacaacccc	agcaccgggg	tcttcacggc	tccttatgat	gggcgctacc	tgatcacggc	240
cacctcacc	cccgaagag	acgcctacgt	ggaagcagtg	ctgtcgggtc	ccaacgccag	300
cgtggccccc	ctgcataacc	ctgggtacag	gagagagttc	ctggaatacc	accgccctcc	360
aggagctttg	catacctgcg	ggggcccggg	ggcattccac	ctcatcgtgc	acctgaaggc	420
gggagatgca	gtcaacgtcg	tgggtgactgg	gggcaagctg	gctcacacag	actttgatga	480
aatgtactcc	acatttagtg	gggttttctt	atataccttt	ctttcccacc	tctaagggtg	540
ctggggagat	gtcaggggaa	agatagatag	ttgtaaaaac	tctaaagctt	taatatattc	600
ggtttgtatg	taatggaagc	acggggctag	agtttccaca	taggccccaa	cataaaggcc	660
ttccctcgct	gttgaggcca	ccatgcctta	ctgcatccag	ccaggctgca	gggagtgagg	720
cacacggtga	acatggccac	tgacttttct	gccactctaa	ctggacaact	ggaagacttg	780
gaaaggcctc	cacctgtatc	tacactctga	gggccttgga	ctgggcctga	gcttgccaca	840
gaggctccgt	ctgactgtgg	gctgggagga	gggaggcagg	ggagagccgg	tcacggtggc	900
tgggtctttac	tgcaggggcag	cactgtggcc	agctgtctgt	ctttacactg	catgcagaag	960
tttaaact	gaagtgccga	agtggcccg	gccgcccgc	agagaccccc	acttttagttt	1020
gggctgttcc	acgcttggtc	caccattgcc	gcctgggact	taacctgctc	aggcgggcct	1080
tcgcccagct	gcaaataagg	atgcgttaga	gactgttccc	aaagcttggt	gggctcctta	1140
aatggcatgt	acaatttaag	tgcaaagaca	gggagtgtca	ataaagatgg	aaagccattt	1200
ccagttaact	tttggttaatt	taagtgtggt	cccttacaga	tcgggagttg	ttgctaaaaa	1260
gcaaactgaa	gaaatgtttt	gtttcaaaaa	gggtacaga	aagtaacctt	gagtaaaatt	1320
aatctcagct	acaaaactgt	taccctcccg	catccaagct	atacacttgg	gttttgtttc	1380
tggcttgtga	agacggacca	gatgtgcacg	gaggtcacgg	ccccatgtca	tctgcagctg	1440
gagcggctcc	tctggggatg	ctgcactcag	atcccacagc	agctgccag	gctaacttga	1500
tccctgctgc	ttcactgcac	caatctccag	cagacacagc	tcgceagagc	cttgggtttc	1560
taagcagcag	gaagctcaac	ctaactcgtg	ccacacgctg	acagctgagc	ccatctgaga	1620
acacggcatc	ttcacacagc	gagacgcctc	cactgagggg	aggcccggga	gtatcaatct	1680
gtcaccagtg	gccacggaga	cctctcagca	cccttagttc	aaggtagtct	ctgtggatca	1740
ggttggtaac	acctactggt	taatcaagtc	ccactgggga	aaggtttgga	cggtagaatc	1800
aagagctgca	gtttccttgg	cccacaagat	gctcttatgc	tgtaaaaaaa	atgctttaag	1860
aattgtttgc	aaatgaattt	acagggtggc	cactggacac	ttcagagtcc	ctatttactc	1920
ccccgcgcac	agctaggaag	accagcaaga	actaaagggt	tgccgtttta	ctatttaaaa	1980
tgtggacctc	tttgtccagg	agcgggaggg	agaatggcat	ctcaccccat	tacaacagct	2040
ggggaactgg	ctaaagagag	ctgtcagaga	gtatccttgg	ctgtcctagg	aatgactcat	2100
ggaaagcgcc	ccagtgcagc	agtgttttca	ggaaaaccca	gtgggcacgc	gccatcgccc	2160
tctcctctcc	tctcacgctc	cttttgaaaa	gaccgcactc	ggcgcccaag	gggacgtgct	2220
caagagctgc	aggggcaggg	cccaggcaaa	aggtgggtga	tgactacctg	ctgctttccc	2280
tactccgtag	atgggtctgg	aacatcgggt	aaaaccagct	cctcctctca	gtgcatctct	2340
actcaccaac	aatggatgaat	ctcagctctg	tgtattcaag	acaggcaaaa	cagaatatgc	2400
ctcattatgg	ctggagcgtg	cctctacttt	gagataaagc	tggatgacag	gtggatcctg	2460
gcccacttag	gagacatctt	tagaaaggga	aaggctgtct	ttttgtacag	gtagtagaac	2520
aacaagggtca	gctgagctta	aggctgtggg	gttcgaagca	gcccttcaag	aagtcattac	2580
ccctgaagta	gtgcctgcga	gtcagtcaga	ggcataccaa	accctgagac	agaatcaggc	2640
acaagttcac	aacttttttt	ttttttgggg	gggagacagt	cctactctgt	cgccagggtc	2700
ggagtgcagt	agcgcgatct	cagctcactg	caacctccgc	ctcccgggtt	caagcaattc	2760
tcctacctca	gcctcccag	tagcggggac	tacaggtgca	tgccgccacg	cccggttaat	2820
tttttgtatt	ttagtagaga	tggggtttca	ccgtgttgcc	caggctgggtc	gcgaactcct	2880
gagctcagcc	aatccgcca	cctcggcctc	ccaaagtgtc	gggattacag	gtatgagcca	2940
ccatgcccag	ccaagttcac	aacttctgat	atcaagttgt	tgctgagaaa	aggtcaggac	3000

acttcttaag	tagagaagga	ctgtgacatc	ccctccaaac	ctccatgtaa	cactaacaaa	3060
tggcctcatt	tacacgatta	aaaacaaaat	ggtatcgtca	ataaatgcaa	accttaaact	3120
gc						3122

<210> 7240
 <211> 5172
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (290)...(4667)
 <223> similar to gi4589616 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7240					
ggaagaagta	cctacacagg	aatcagtga	gtgggaaatt	aatgttatta	ttaaaaatcc	60
tgaaattgtg	tttgtagctg	acatgacaaa	aaatgatgct	cctgctttag	tcattacaac	120
acaatgtgaa	atttgctata	aaggtaacct	tgaaaatagt	acaatgactg	ctgccattaa	180
agatctccaa	gtgagagcct	gcccgtttct	tccagtcaag	agaaaaggca	aaatcactac	240
tgttttgcag	ccctgtgact	tgttttatca	aactactcag	aaaggtacag	atccacaagt	300
gatcgatatg	tcagtaaaat	ccctgacact	aaaggtttca	ccagttatta	taaatactat	360
gattaccata	acttcagcac	tgtatacaac	taaggaaacc	atcccagaag	aaacggcttc	420
ttctactgca	catttatggg	aaaagaagga	tacaaagact	ttaaaaatgt	ggtttcttga	480
agaatcaaat	gaaactgaaa	aaatagctcc	cacaactgaa	ttggtaccca	aaggcgagat	540
gataaaaaatg	aacattgatt	ctatttttat	agttcttgag	gctggaattg	gtcatagaac	600
agtacctatg	cttctggcaa	agtcacgttt	ttcaggggaa	ggcaaaaact	ggagttccct	660
aataaatctg	cactgtcagc	ttgagctaga	agtg cattat	tataatgaaa	tgtttggtgt	720
atgggagcct	ttgcttgaac	ccttagaaat	tgatcagact	gaggatttta	gaccatggaa	780
tcttggtatc	aagatgaaaa	agaaagcaaa	aatggccatt	gttgagtcag	atcctgaaga	840
agaaaactac	aaagtgccag	aatataaaac	tgatcatcag	ttccattcaa	aagaccaatt	900
aaacattaca	ttatccaaat	gtgggtcttg	aatgttaaac	aatttagtca	aggcatttac	960
agaagctgcc	actggatctt	cagctgactt	cgtaaaggat	ctagcaccat	ttatgatttt	1020
aaattccctt	ggacttacta	tttctgtttc	gccaaagtga	tcttttagtg	tactcaacat	1080
tcctatggca	aaatcatatg	tattgaaaaa	tggagaaagt	ttaagtatgg	attatatccg	1140
aaccaaggac	aatgatcatt	tcaatgcaat	gaccagccta	agcagcaaac	tcttcttcat	1200
tcttcttaca	cctgttaacc	attctactgc	tgataagatt	cctttaacaa	aagtgggacg	1260
acgtctgtac	actgtaagac	acagagagtc	tggcgttgaa	agatctattg	tttgtcaaat	1320
tgatacagta	gaaggaaagta	agaagggtcac	aattcgctcc	ccagtgcaga	taagaaatca	1380
tttttcagtc	ccactgtctg	tttacgaagg	ggataacctta	ttgggaactg	cctcacctga	1440
aaatgaattc	aacataccat	taggatctta	ccgatcattc	atttttctga	agccagaaga	1500
tgagaactat	caaatgtgtg	aagggaattga	ctttgaagag	attataaaaa	atgatgggtc	1560
tcttctaaag	aagaaatgta	gatctaaaaa	cccttctaag	gaatcatttc	tcattaatat	1620
tgttccagaa	aaagataatt	taacatctct	atcagtgtat	tcagaagatg	gttgggattt	1680
accatacata	atgcatttgt	ggccacctat	cctgctccga	aatcttcttc	cttacaaaat	1740
tgcttattat	atagagggaa	ttgaaaattc	ggtttttact	ctaagtgaag	gacattcagc	1800
ccagatttgt	actgcacagt	tgggtaaagc	caggctacat	ttaaaattac	ttgactatct	1860
caatcacgat	tggaaaagtg	aatatcacat	aaagccta	cagcaagaca	ttagttttgt	1920
cagttttact	tgtgttacag	aaatggaaaa	gactgattta	gatattgctg	tccatatgac	1980
ttacaatact	ggtcagacag	ttgtggcatt	tcatagtcct	tattggatgg	tcaataaaac	2040

tggccgcatg	ttacagtaca	aagcagacgg	aattcatcga	aagcatccac	ctaattataa	2100
aaagccagtt	ctcttttctt	ttcagccaaa	tcactttttt	aataacaata	aggttcaact	2160
tatggtaact	gatagtgagt	tgtccaatca	gttttcaatt	gatactgttg	gtagtcatgg	2220
agctgttaaa	tgtaaaggcc	tgaaaatgga	ctatcaagtt	ggtgtcacta	tagacctgag	2280
cagttttaac	attactagaa	ttgtgacatt	tacccctttt	tatatgatta	aaaacaaaag	2340
caaataccat	atatcagtgg	ctgaagaagg	aaatgataaa	tggctctctc	ttgatttgga	2400
gcagtgtatc	cccttttggc	ctgagtatgc	ttctagttaa	cttcttattc	aagtcgaaaag	2460
gagtgaagat	cctcccaaaa	ggatataatt	taacaagcag	gaaaattgta	ttctatttgcg	2520
tctagataac	gagcttggag	gtattatagc	agaagtgaat	ttggccgagc	attctacagt	2580
tattacattt	ttagattatc	atgatggagc	agctacattc	ctcttaataa	atcacacaaa	2640
gaatgaactt	gttcaatata	atcaaagttc	tctcagtga	atagaagatt	ccctccctcc	2700
tggtaaagcc	gtgttttata	catgggctga	tccggtgggc	tctagaaggc	tgaagtggag	2760
atgtagaaaa	agccatggtg	aagtaacaca	gaaggatgat	atgatgatgc	ctatagattt	2820
gggggaaaag	acaatatatt	tagtttcatt	ctttgaagg	ttacaacgca	ttatttttatt	2880
cactgaagat	ccaagggtat	ttaaagtaac	atatgaaagt	gagaaagcag	agttagcaga	2940
gcaagaaatt	gcagtggcat	tacaagatgt	tggaaatttct	cttgtcaaca	attacacgaa	3000
gcaagaagta	gcctatatag	gcattacaag	ttctgatgtg	gtttgggaaa	caaagcccaa	3060
gaagaaggca	agatggaagc	caatgagtgt	aaagcacact	gagaagttag	agagagaatt	3120
taaggaatat	actgaatctt	ctccttcaga	agataagggt	attcagttgg	acactaatgt	3180
tccggttcgc	ctaaccctta	ctggtcataa	catgaaaatt	ctgcagccgc	atgtaatagc	3240
tctacgaaga	aattatcttc	cagcattaaa	agtggaaat	aacacatctg	cacatcaatc	3300
atcattttaga	attcagattt	acagaatata	gatccaaaat	cagatacatg	gtgctgtatt	3360
tccctttgtg	ttttatcctg	ttaaacctcc	aaagtcggtc	accatggatt	cagcaccaaa	3420
gccctttaca	gatgtcagta	ttgtcatgag	atctgcagga	cattcccaga	tatcacgtat	3480
taagtatttc	aaagtattga	ttcaagaaat	ggatctcagg	ttagatcttg	ggtttatcta	3540
tgctttaaca	gaccttatga	cagaagctga	ggtgactgaa	aatacagagg	ttgagctttt	3600
tcataaagat	atagaagctt	tcaaagaaga	atataaaaca	gcctcattag	tagatcaatc	3660
acaagtcagc	ctctatgaat	atcttcatat	atctcctatc	aagttacatt	taagtgtttc	3720
actgagttcc	ggcagagaag	aagctaaaga	ttcaaaaaca	aatggaggac	tgattccagt	3780
tcattcttta	aatcttttgc	tgaagagtat	tgggtgccaca	ctgacagatg	tacaagatgt	3840
agtttttaag	cttgcatttt	ttgaactcaa	ctatcagttc	catacaacat	ccgatctaca	3900
gtctgaagtc	ataagacact	attcaaaaaca	ggccattaa	cagatgtatg	tactcattct	3960
tggacttgat	gttttgggaa	atccattttg	cttaattaga	gaattttctg	aagggtgtaga	4020
agcatttttt	tatgaacctt	accagggagc	catccagggt	cctgaagagt	ttgtggaagg	4080
aatggcacta	ggacttaagg	cactagttgg	tggagctgtt	ggtggattgg	ctggtgctgc	4140
ctccaaaatc	accggtgcta	tggctaagg	ggtagcagct	atgaccatgg	atgaagacta	4200
ccaacagaag	agaagagaag	ccatgaataa	gcaaccagct	ggttttagag	aaggcatcac	4260
tcgtggagga	aaaggcttag	tttctggatt	tgttagtggc	ataacaggaa	ttgttacaaa	4320
accaatcaaa	ggagctcaaa	aaggaggagc	agctggtttc	tttaaagggtg	ttgggaaagg	4380
tttagtagga	gcggtagcaa	ggccaactgg	aggcatcata	gacatggcta	gcagtacatt	4440
tcagggaata	aaaagagcta	cagagacttc	tgaagtggag	agtctgcgac	ctcctcgggt	4500
cttcaatgaa	gatggagtta	tcagaccgta	caggttgagg	gatgggactg	gaaatcaaat	4560
gttacagaaa	attcaattct	acagggagtg	gattatgact	cacagtagca	gtagtgatga	4620
tgatgatgat	gatgatgatg	atgatgagtc	agatctaaac	cattaaaatt	catatgttct	4680
ttattttact	tggaatgttt	cattaacatg	ttttgtatga	cttataccat	aatgcccata	4740
tgccatttta	tagggaggta	aaacacattt	tcttttataa	tgttttccta	cacattttca	4800
taaagcaaaa	taattgtatt	atttaagcac	agaaaaaaat	gtatcttaca	tccaaagtag	4860
ggagggcata	caacatatta	tagatttgct	tttatataat	ttatagcttt	gtattgcata	4920
gtttgtcttt	aagagttcaa	gttagactta	aatataattt	tgatgttcac	tggttttatt	4980
ttaaattgcc	ttcttatttg	ttagcaaaat	gccttttttt	aatggtctct	gtaaaatttc	5040
tgggctttta	tgtaatgcca	ctgtgtaaaa	aaaaaggaag	aaaatagtaa	tagccattta	5100
atgtttttata	tttatcattt	taaagatatt	tttgtcaaat	ttcttttaat	aataataaac	5160
atatgtaatc	ta					5172

<210> 7241
 <211> 2216
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1806)...(1455)
 <223> similar to gi5911926 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7241

tttttttttt	ttactgattc	atacgtttta	tttgataata	gttcatttta	ttaaataaatt	60
tataaagtca	gaccagtgc	ttgggcttgt	taggggaaac	cattccttcc	tactgtcaca	120
tagcctggca	gattatatca	ggtgccaaaa	cattcccttt	tattcaattt	attaatgaga	180
gtgtggaatt	aaagtagatc	cttgcattgc	aggaaagctg	caacacatct	ggtttaagtg	240
gagcacaag	gtaagtatt	ccacattcac	caacttcccc	acttgacctc	ccaccagttc	300
ctgtctgctt	tttccatcaa	tcaactctaa	gatgccctaa	acccaaacag	ttccattca	360
actgtgcaca	aaggatataga	tatggaagac	atctcactcc	aactctcacc	tttgaatta	420
aataaacctg	gaacagggaa	ggtgaactat	ggctgaaacc	aagtgaagat	ttttaagaag	480
ctttgacaga	aacattaaga	ataacacctg	aatgcaaata	cagaaaaaag	cgctactggg	540
ggaaaatagt	cttagccaat	gttctaaaaa	tgctcataag	gaagggttgg	ggaattaccc	600
tttagacaca	agctctaaga	actctggata	caacgggaac	ttggatggat	acagtcgggc	660
ctgctgggcc	agatgttccg	agggcgggcc	ggcaagcagc	ctgtcttgca	cattgcaact	720
gactggctta	atctacggca	agagtccttc	agctccgtca	cagagtactc	tccaatgtgt	780
tatagttatc	cttaaagctc	ttcaattcaa	ggaagtgcct	ggcacgttta	ctcttctgac	840
tggaggggag	gtatgtcacc	tggatggttg	ttggggagac	ctcaggggac	tgagttaggt	900
ctttggctgc	tgactggtga	tgctcgctgag	agctcccaat	tcgtgcttta	accgcagtgg	960
ccagctcact	cagggcctcc	tgatagcgta	ggtactcatt	ctggccaaag	acccctgtcc	1020
catagcgggc	tgtttcatag	ccatccaaaa	gggtatcaat	gagtgccttg	cgtaacacct	1080
tgaaggcgt	actagtgttt	cgcagatcca	gcaggtagga	gcggaaattc	ttgccatta	1140
aggaacgggg	atgccggcct	tcagaatgaa	atgggatctc	agaggtagca	atggcatcca	1200
gagctttcat	cctatacaga	tagttgtagc	aactttgatt	tccctgggtt	tccagttgta	1260
gtagtctagc	atcatcatct	gcaaggagct	ggggctcata	cttgatatcc	tgaaccctgg	1320
agagtcgaat	atcaatctcc	tctttcaagt	ccttgggggc	attgtgtccc	acagggacat	1380
gaggtccoct	tcgagatttc	attgcaaagc	gcatgatattg	cctcttcaca	aaaataaata	1440
gcagtacaaa	caccaggctc	ccgtaggcca	tcaccagcac	gacattcacc	ccggagagcc	1500
agttactgcc	ggacgccatg	gcctccctac	ctcgcgcaga	attgttcggg	tttaccocgc	1560
tgtcctggct	ggtcagccca	ggctccgccg	aagcgacggc	gcctgggtcc	cctggagctc	1620
cccgccatt	tccttacggg	ggaagacca	gccagaccgc	gcctgaaaac	atggcggaca	1680
ggcaggagag	ctgggaaagg	cctacgggag	cctggtgttt	gtactgctat	ttatttttgt	1740
gaagaggcaa	atcatgcgct	ttgcaatgaa	atctcgaagg	ggacctcatg	tccctgtggg	1800
acacaaatgc	ccccaaggac	ttgaaagagg	agattgatat	tcgactctcc	agggttcagg	1860
atatcaagta	tgagccccag	ctccttgcat	atgatgatgc	tagactacta	caactggaaa	1920
cccagggaaa	tcaaaagatc	ccatttcatt	ctgaaggccg	gcatccccgt	tccttaattg	1980
gcaagaattt	ccgctcctac	ctgctggatc	tgcgaaacac	tagtacgcct	ttcaagggtg	2040
tacgcaaagc	actcattgat	acccttttgg	atggctatga	aacagcccg	tatgggacag	2100
gggtctttgg	ccagaatgag	tacctacgct	atcaggaggc	cctgagttag	ctggccactg	2160
cggttaaagc	acgaattggg	agctctcagc	gacatcacca	gtcagcagcc	aaagaa	2216

<210> 7242
 <211> 1321
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (836)...(175)
 <223> similar to gi995778 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7242
 tttttttttt ttcttcaact ttgatatttt attgaaaaaa gtacacaaaa accactgagg 60
 tacacaagcc caggtaagca taccaagcaa gccccctcac accttttgtc tgaaaaaagc 120
 ttgactttct tgcagcaatg tctcgcccat tccagcagca gtatctcagt taacttggtt 180
 ccttttcctc caggctcaaa acaaaatcaa actcttcctg ggtcaggggc tggattgata 240
 atctctggcg agtgaagaga accataatttt ttaaggggcc accagtagct ttgtgagctt 300
 gatgatagga tttgagctca gccaggggaa tgaaacgttt catcatccga acaaactgta 360
 catccaccat ggaccactta gggttgtcct ctttgctaga tgggtcataa tggggattgt 420
 ttttctcaaa ctgtgtgtgg tctgggtaag cctctttcac gatcttcatg agtcctgcga 480
 tgcttggtc tttgcagttg ctatggtaga agaaggcttc ttctcccagc ttcatggctc 540
 taaggaagtt ccgagcctgg tagttacgaa caccatccca gcatgttgctc tgtttgggct 600
 gtgctttgag atcctcaatg ctgaacttca catctacacc tttctctagg cggtctctctg 660
 gctctgactt catcagccag tggctgctta gattcttcaa acagttttta gtggctgaag 720
 tcttctgagg gttggagtcc tccacttttag ctaatgcctc acctgagttc tcagttttgg 780
 tgcgttttcc tgatagtccc ttgtctgaac cagaagtccc agccagcctc ttccgggggc 840
 tgcacatggt cacgctgcag gggacttttag tgcggacgat tctggaatca acggagatac 900
 aagaaagaat gctaattgtcc tccaaaaccc gcgcagagcg agatggaggc aacgagaggc 960
 agcctagaac gtctccaact tttgcgaaac acagacgcct acgtttgagc cctcaaatcc 1020
 ttccctccgt tatctgcgcc atttccatct cgcataacct gccccataac tcttctcggt 1080
 tctgtccttg gtccttctca tccaggaacc cctatctcag tatgtagtct actgggaagt 1140
 ggctccacag agacactttt gttgggtgaa tataagtaag ccttgtgtta ccttgtttatc 1200
 cttgctaatt aggatcaact gaatggataa tctagatgat gaagtaattt gctggctaca 1260
 gacccaacac tctgcagact cgactgcggt ccgcctccgc tgcgccgcag gctgtgcagc 1320
 g 1321

<210> 7243
 <211> 1477
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1478)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1335)...(341)

<223> similar to gi2780406 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7243

```

tttttttttt ttcaaagtat tcaagggctt tattggggcc gccctggctg cccctcacag      60
tgttgcaaga acccgctggt cttgctgttg cctttgctct ttgggggctt gagaggaaag     120
gcagagggag gaccaactta tctgggagag agaaggccca tctttggggc taagaccagg     180
tggtgcggaa gcagatttag ggaggggagg gcctacttag gggctggaag gggatggggc     240
tgctcctctg agtgtggtgg tcacagagtg ttggctttgt gggagggaaa ggaaaggag     300
gcacacaaga agtcaggaag agtggtatgg cggtgcttcc tgggcaactga acatgtgcac     360
tgcccagggc acgagggcca ggactaggca tggccagagg gtgtacttga ggaaattgaa     420
aatgtagaag aggctgatct gaggggggtg gccagccag tccagggggc ccagcagccc     480
catggccagc acaaggcagg ctatcttctg gccatttccc agctgtgccc gacgcacctg     540
ggcatagcag ggagagtgc aaggcaatgcc caggcccagg gcagcccctg agtcacggct     600
cagggaggca aagggccggc tatccacgtg tatccactca ggccgctcac accacttgaa     660
ggctaggctg atggaccaag aaagatccag gcccagtgtg aagagggtcc aatagatgag     720
gctggtgcct agcatgaggg ccagtgcagt caaccatag aagcttagct cccgctccat     780
aggcactcgg ggagtcatca gccagcccag gacagcgcca gttattaggc cagccagcac     840
ctggtgaggg aaatgtgcta agatgaagat tcgcgacaag ccaaccgcca aaaggaagg     900
gcaataagcc aggctaggca tcacccttac ccagcgctg cgggcccag tggccacctg     960
cgaagacagg gctgtcatta tgggccagag ggctgctcct gtgatcatgc agtgtccaga    1020
agggtgcct ggaccagtct cacaagaaga ggggaactgg tgaacctggg ctggagcctg    1080
gctgtagtaa ccagactcat ggaccacca aaagggcctg tctccaaaaa gaaaccactt    1140
gaagatgagg ttgagccact cggtgatgag gctgatccag agcaccgcga tgcccacacg    1200
gcgggaggcg tagtaggccg cggggaagta gaacagaaaag aggatcttgg gatcgcccag    1260
aaagggtgatc cagagccaca cgttctccag ccaggctagc tggttctgta gcgcctcggc    1320
tatcacgatg ccgcgcacca gcgtggactc catggcggcc cagctgccga ccaggccccg    1380
gcttgctcca gggcggaaac cagagtccag gcaacgaagc agcgtcgacc tcgtgccgaa    1440
ttcctgcagc gcggtgcaga ccgntcaatt ccctcct                                1477

```

<210> 7244

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (469)...(290)

<223> similar to gi3641538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7244

```

tttttttttt ttggaattac aaagctactt ttaatacttt ggggtgagcc ccacaggaat      60
aaaaaacact ggaaggggt aacccctca ccccgaggag tggcccagg ggagagaggc     120
tacctgaggg gaaggaagca caaaaggac ccgctgcaga ctcagggcaa agggaatgcc     180
atcggtgctg ggacctgtga gcactacagg aggaaacgcg agcgtggtgg gactggctcc     240
aggcacacag gcgaagggca agagggttg acacgaagcc acaaagctac ttgggttcct     300

```


aggtggaact	gcatggccgt	cacccagcag	aacatggtgg	ccaccatggc	cccgaagtgc	1740
cgtctcactt	cctttttgtaa	cgtccagagt	ccaaaaatca	cgccgagtcc	aagcactcct	1800
ctaactatta	gctgagagta	aaacttggac	atttctaaca	gcgaaagcac	gtaaaccgcg	1860
gggctggaga	acactgcgat	caccactggc	ccgaggaacg	tcctggggac	gactccgggg	1920
aactcaagat	ggtcgtactg	ctccaggtct	tgccagtggg	agagcaggtc	atgtgtggcc	1980
tgcaggttga	agctctcctc	cactttggtg	tagggacaga	tgaccagggtg	gacagtggct	2040
acggccacca	gcagccccag	cagcaggggc	cgcttgccctg	atgacccctt	tccagccatt	2100
ccaggctttc	agcttcacgt	accttcacag	gccaacagtg	cgagacacca	gccgttagca	2160
ctgccactcc	acgcatgctc	cgcagctccc	ggcggcgctcc	ttcgaagcgc	ggctgcctgg	2220
gccagcctcg	gcaggaagca	ggacggcgga	aacagaacag	agcccgaatc	taaagtccctt	2280
gcccaaatct	aaagtggcta	ccgcagcccc	ggcgcgtacg	gccgcagaga	ccctctgtgc	2340
cctgagacga	aatcgtcgac	ncgggaattc	cgnaccggtg	cagc		2384

<210> 7246

<211> 1418

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1024)...(0)

<223> similar to gil050525 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7246

tttttttttt	attttttttt	ttggacaatg	cttttaatgg	caagtcacat	cagcaggtct	60
gcggagggtgc	agggcagcgc	tcaggccttg	ctcagtttca	ttcttgatga	agtagctcac	120
cagccgctgc	ggcctctaga	tggtactcgc	tgagcacatt	gcgaggggct	gctgatctgg	180
tcccccttcc	agggcggttca	ggagggtgac	acacaccacg	gccgcttgga	ggccgcaggc	240
gctggcacat	ggcgggcaaa	caccgatgga	ctccatctcg	atattgcggg	acgccggctg	300
cataggctgc	ctccagatac	gcctgcttgt	ccttctccgt	gtaggagcag	agagcccat	360
ccagacggcc	ttgcccttca	tagaagtcca	aggtgcacat	ggtgttcccc	accactgtgg	420
tgaactcgct	cagctctgca	gaacacagca	acagctcctg	caccagcttc	ttgttaaggt	480
ccgttttccg	gatgacccgc	ttccccagga	caatctgctc	aaactctgcc	ttgaagcagg	540
tatccactgc	ctgctctgtt	atgaccacag	tgccgggctc	cagacctatc	ccaccagaag	600
tgccaatgcg	gatgatagtg	acgttgagag	accgggcata	gtacagcagc	tttatgagct	660
catgcaacat	gattgagata	gaaggaatgc	ccataccatg	actgacagac	agcaccggtc	720
ctactttata	catggcatag	cggtcagttc	ccgcacagat	ggtgggatag	tctctacctg	780
ggcagtcagg	gcccagctct	gcaccaacgc	acctgatgaa	ggctttcatc	cgggaggggc	840
ttccaccaac	acacacaaac	ttcacatctc	caaacaaggc	tgggaaattg	tgtctgctag	900
tggtgagatt	gaaatgatag	agaatatctt	ctttcatatt	tgctatgttt	ggatttaaaa	960
gtctgacggg	gcaatcattg	tgactttcag	ctttctctgc	attggctccc	gtggccgcca	1020
ttccgccaac	tgaggcagga	cccgtcagag	gagagcggct	ggaggcggac	agacgtctgc	1080
agtgggaggc	gctccaggcg	ttccaggcag	tgctctgccc	gcgagtcacc	cgcgaccgcg	1140
agtcacctca	ccaagccctg	aattgggaca	ggagacgaga	cgtgtcgcag	agctgcggag	1200
ttcctcgctt	ctctgggccc	actcggcctg	cgcagagagc	cgctacaccc	gcggcgccat	1260
cctcgactg	cgacaccggc	gacaaacgca	atgctccagg	gccggacgaa	gggacggctc	1320
tcgggaggct	cgcggacggc	ggggcgcggg	tctgtgcgcc	ggagcactcg	aatgagggaa	1380
ccacttgcca	ggtgaatctc	atatggagtc	tgcgagcg			1418

<210> 7247
 <211> 4120
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (252)...(1897)
 <223> similar to gi3327192 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7247
 acgcctcgaa gaatccgcta tcggctgtct gcacaaccgg aatcatgtcg agtttggcgg 60
 tgagagaccc ggcaatggat cgatcactgc gttccgtgtt cgtggggaac attccatatg 120
 aggcaactga ggagcagtta aaggacattt tctcggaggt tggttctgtt gtcagtttcc 180
 ggctggtata cgatagagag acgggaaaac ccaagggtta tggcttctgc gaataccaag 240
 accaggagac cgcgcttagt gccatgcgga acctcaatgg gcgggagttc agtgggagag 300
 cgcttcgggt ggacaatgct gccagtgaag agaataagga ggagttaaag agccttgggc 360
 ctgcagcgcc cattattgac tcaccctatg gggatcccat cgatccagaa gatgcccctg 420
 aatcgattac cagagcagta gccagtctcc ccccgagca gatgtttgag ctgatgaagc 480
 agatgaagct ctgtgtccaa aacagccacc aggaagctcg aaacatgtta cttcaaaatc 540
 cacaactggc ttatgcactg ttgcaggcac aagtagtgat gagaatcatg gatccagaga 600
 ttgctctgaa aattctgcat cggaagatac atgtcacacc actgatccca ggcaaactc 660
 agtctgtgtc tgtctctggc cctggccctg gccttgccc tgggctctgc ccaggacct 720
 atgttctgtc gaaccagcag aatcctccag ctccctcagc tcagcatttg gctagaagac 780
 ctgtgaagga cattcctcct ctgatgcaga ctccatcca ggggtggaatt ccagctccag 840
 ggccaatacc agctgcagtt cccggagctg gtcctgggtc cttaactcct ggaggagcaa 900
 tgcagcccca acttggaatg ccagggggtg gccagtgcc tttagagcgg ggacaagtgc 960
 agatgtcaga tcctagagct cctatacctc gcggaccctg gactcctggt ggtctgctc 1020
 ctcgaggact gttaggagat gtcctcaaatg acccacgtgg agggactttg ctttcagtca 1080
 ctggagaagt ggagcccaga ggttatctgg gtccacccca tcagggtccc cccatgcac 1140
 atgcctctgg tcatgacact cgtggccctt cctcacatga gatgagggga gggccattag 1200
 gagatcccag actgctaatt ggagagccca gagggcccat gatagatcaa aggggtctac 1260
 ctatggatgg tagaggtggt agagattctc gagcgatgga gactcgtgcc atggaaactg 1320
 aggtcttaga gacacgtgta atggagagga gaggaatgga gacctgtgcg atggaaacca 1380
 gagggatgga agcaaggggc atggatgcaa gaggattgga gatgaggggc cctgtcccca 1440
 gttcaagagg ccctatgact ggtggaattc agggctctgg tcccattaat ataggggcag 1500
 gtggccctcc tcagggaccc agacaggtcc caggcatttc aggggtgggg aatcctggag 1560
 ctggtatgca ggggtacaggc atacaaggaa caggcatgca gggagcaggc atacaaggag 1620
 gagggatgca gggggcaggc atacaaggag tcagtataca aggaggaggt atacaaggag 1680
 gaggtatata gggggcaagc aagcaagggt gaagccagcc tagcagtttt agtctctggc 1740
 agagccaggt cactccacag gatcaggaga aggcagcttt gatcatgcag gttcttcaac 1800
 tgactgcaga tcagattgcc atgctgcccc ctgagcaaag gcagagtatc ctgattttaa 1860
 aggaacaaat ccagaaatcc actggagcgt cttgaaaggt tttagaaaat atttggctgt 1920
 agtctcaaat tttattctgt agcatggaga atgggtgcaa aaagctgact tctgtatccc 1980
 cacacttgga ttagggtttc cctcctccta gaacctaatc ttattttttg ttctttttct 2040
 ttctttctgt tttccttttt tttttaattg aggggtgggg gaggagggag tgcgtctgtt 2100
 cactttaagt tactttaaaa taactctgaa catgattata ttatgccaaa taagattaca 2160
 aagaataagc agcaatattg aagcatctac agtatgttaa ctacattttt taaatgtcga 2220
 gtaaaaacttc gtgaaaactg ctcataaaga ctaaaagttg acctgttaaa acgttaaatgt 2280

actaagatag	ttttaagatt	tttggttgta	taacaaaata	aaagtttacc	caaaagtata	2340
agatacattt	tttggttaa	cattttaa	acaaaatcct	attttggagg	caataggata	2400
agcattgtct	tagtggttta	gaattat	tgaaacagag	ttaacaggat	aaggttacac	2460
ttgtattaga	attgtttttt	tctaaagtta	tgttacctga	aaaatcaagg	agtgcacctg	2520
atttactgtt	gcttcattta	tcccatcctt	cagagaccag	caaggttctg	ccaggcccca	2580
agcatctgag	catgatgatt	ttgctgtgac	aattctaaga	tcaaccagggt	tacttaagtc	2640
cgctctgatg	aaacccagtc	tctcaatacc	ttcctatttc	tcaatagtct	ttaagcccta	2700
aatctgagtc	agtaattctc	taaaaatcct	tcccaaaaat	cagtgtctag	ggactgggtg	2760
atctagatga	gttataaatg	gtatttgact	tttcataagt	agtggaagggt	ttcactaagt	2820
aaagatctga	gtttcttggt	atctgacgtt	tgtatacaga	tgggtgccat	ttgctcaacc	2880
agacaggagt	taacttgat	tagaattggt	ttttctaaag	ttatgttacc	tgagaaatta	2940
aggactgcac	ctgggtttaa	gttgcttcac	ttatcccacc	ctacagagac	cagcaagggt	3000
ctgccaggcc	tgcagcatcc	aagcatgatt	ttgctgtgac	aaatctaaaa	tcaaccaggc	3060
tacttaagtc	tgctctgatg	aaacccaata	atctctcaat	accttcctat	ttctcaatag	3120
tctttaaaacc	ctaaatctga	gtcagtaatt	ctcttacatc	cttcccaaaa	atcagtgtct	3180
agggactagt	tgatctggat	gagttataca	tgatatttga	cttttcataa	gtagtgggaag	3240
gtttcactaa	gtaaaactct	cagtttcttg	gtatctggct	ttcttataca	gatgggtgtcc	3300
atgtgtcca	ccagacagga	gttaaaaacc	tttaaaagagc	atttaacatg	ccttttagtt	3360
ttcttat	ataatctact	tttctatcat	taatcatctt	accaggaata	atcaaggccc	3420
aggtaggtag	aagtttttat	atagcctgaa	tactcacttg	acttactgct	cattttactt	3480
tttgcatgga	atacagccat	ttagtcctaa	tatacatacc	aatgagacaa	ttaaaaattg	3540
gttggaagat	ggagcttatc	acattgtgct	actacgactt	tattttttct	tgaaaataaa	3600
gccttgagga	tgtgaacata	aatgtttggt	tcataaaaca	agtagtaata	aaagcataaa	3660
ttatcaaata	tcaggtgatc	ttactatgga	gaagaaaaac	caatatctag	ttacagatga	3720
aaaaatgttt	aatacaaga	gctgaaaatg	tagaaattga	gttatcttcc	ctttgcaaaa	3780
tttttacact	ttaaattagt	aattctttgt	ttgcaagggt	ttcatcccta	tgctgttggt	3840
ttctactacc	tgttttactc	ttgttcatac	tgctactttc	cccatgtttc	cctatatgcc	3900
ctcccctata	ttggagagga	taactcgcgt	ttacatatgt	gatagtattg	cttaatacta	3960
attcacagag	ttggctcgat	cattttgaga	ttctagtgtg	tttatctcaa	agctttcact	4020
gaagggctgt	aactgaaaat	tattaaatgt	tagtccttag	tcaaatctct	gcattgtttc	4080
atgcagaaaa	taaagataca	attaaggctg	aaaaaaaaaa			4120

<210> 7248

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(415)

<223> similar to gi311376 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7248

atccaatacc	ggagtgactt	ggaactccat	tctatcacta	tgaagaaaag	tggtgttctt	60
ttcctcttgg	gcatcatctt	gctgggttctg	attggagtgc	aaggaacccc	agtagtgaga	120
aagggctcgt	gttcttgc	cagcaccaac	caagggacta	tccacctaca	atccttgaaa	180
gaccttaaac	aatttgcccc	aagcccttcc	tgcgagaaaa	ttgaaatcat	tgctacactg	240
aagaatggag	ttcaaacatg	tctaaaccca	gattcagcag	atgtgaagga	actgattaaa	300
aagtgggaga	aacaggtcag	ccaaaagaaa	aagcaaaaga	atgggaaaaa	acatcaaaaa	360

gtcacagact	gactgaggtg	atggtaggat	gaggaggaac	agatgccctt	ctttaattgg	1800
ttctcagtta	acttctcaga	ggctctggag	aacgggacag	tggctttcta	gcctctgaat	1860
gttccaaata	aaatTTTTTg	gtcttggccc	ctgtactgtt	ttacctctaa	attctggcat	1920
TTTTTTTTcc	ctgcaattaa	agtgctgtac	tttatttatt	gaactttatc	attgaaagct	1980
gtttggaaaa	cctaaaagat	gttgtcacac	ttctgttttc	tttacctgtg	ccttataaaa	2040
atggaccaaa	cccttttcta	aaataaaaata	gttctagggt	ggctgggttat	tgacctatgt	2100
aggtccctaa	aacctaaaaa	aaaaaa				2126

```

<210> 7250
<211> 2200
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1801)...(1176)
<223> similar to gi5912258 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7250						
TTTTTTTTTT	ttgcgctggt	tagatcagga	tttcttttta	ttcctcgttg	gtttaaaatg	60
gctaatacaga	ataaaaaata	aaagggcctc	tttgtggagg	ctgggatctc	ccctatttag	120
aggttagaac	ccaggatatc	cctctaccca	gcaccatagt	gagggtgggct	gaggggtaac	180
ccccaaagga	caatcggagg	ggcctaggcc	tgccactcct	tctctctatc	ccccgttttt	240
ggcatgtgat	gaaaaatatt	gctttttgga	ttcttctctc	ctggccttgg	attttaaaat	300
caagttaact	gtgtaagcta	ggggagggtc	caaggggcca	gtaggagcac	actctaatac	360
ctctccccca	aggaggggat	tatccaatat	tgtttgagct	aggccaagtt	attttcctga	420
tctcccacca	ccaccagtgt	cttgaagttt	tgaccccttt	cctagggaaa	ctaaatgccca	480
atgagcctag	aaaactaatt	ctcctctcca	agtccttccc	tcttgtgacc	aaaattccag	540
actcacctct	ccccaggctt	cttcctaata	acacttagca	ccagcagagg	atgctatttc	600
cgtagttagt	aactgggaca	aatgagaggg	aaccacagga	aaaagactga	cgtctcccct	660
cttttcctgc	tgggtctgag	aatgggaaga	gtaagatccc	cctccgtata	tgtatccctc	720
cctcattttc	ccatcccagg	atagatatat	aatttctttg	atatttataa	tatatatata	780
tatatatat	atatgtacac	acacacctgg	taacgcagaa	gaggaaaaaa	atagaatccg	840
taacaataat	aaaaaaaaat	atttctgggt	taaaaatgat	ctgggtccct	ccagggcgag	900
caattgcaca	aatgtccact	gagtctgggt	cagggatcaa	ggaagggaag	gtcttaaaag	960
ataaaagggg	gggttgctac	cccagtctca	gggccccaac	tctccgactc	cccaagccta	1020
ctgcatttta	gaaaacactc	ctcatcctct	tggaatcggg	ggtttaaaaa	atgtccatgc	1080
acgggagggg	agccccttga	gggaagggaag	gtggccacct	ggggcccttt	ggtgtaggcg	1140
cagaggcggt	ggggagggga	ggtgccgaag	gtcacacccg	aaatctcata	ggtggtacca	1200
ccaacccctg	acaccttctt	gactcctccc	ctcgtggggc	tactgagagg	tggctggcct	1260
gggccagggg	aggctgagcc	taagctcttg	ggtgcccgtg	tggatttgct	gtaggtggct	1320
ttcagctgta	cttcatcttt	gggtgtcagt	aatggctgca	aggccacttc	ttctgtctca	1380
gagacaccag	gttgggcttt	ttggctgctg	taagacatcg	atcggccccag	gtatggggct	1440
gttgggcctg	gttcagggga	ccctactccc	cggccccctta	gcccactctg	cttgccaaaa	1500
cgggggacag	ctgggcgtcc	cagtggagtc	ttgccaaaag	gtgatctctt	tgaatcatct	1560
gaggaggaac	tagtacgagg	ggcatggccc	gagcctggtg	ttgactgaat	gcctgagtcc	1620
cccaagcctg	gttcttctct	acggcccggg	agtgggggtg	actggcgag	caacttctct	1680
cgttcctgga	gagaggccac	aatgtggcgc	gacagattgt	cgtaacggac	tggtaggggc	1740
tctcggtgtg	ttgggccagt	tggcaccaaa	cgtgggtgcc	tctcagcttc	ccgttgctgg	1800

gccagcctgg	ctgacaggaa	gggagaggta	tagcctaaag	gtgggtctgg	ctcaggccct	1860
gctgcactg	actcaaaatc	agggctgtct	gaagggtgtga	gcaagctgtc	ataagatagg	1920
cttccattgc	gtgtctgggt	ggccaggctc	ttataggagg	tggagggtgg	gccctctgaa	1980
cgaatggatt	gcaactggcc	cagctcaaag	cctgtgccct	gggctgactt	gaggctggag	2040
gagcgtgagc	cactggatag	tggatcgaag	tgaaaacttt	tgccaaagg	aggagaacgg	2100
aagctctctg	gttccaagct	gggctctgag	cggtagctgg	ggtgacggct	gctctctgca	2160
attgaggttg	gctccttcaa	gctgtcccca	cgctcgtgcc			2200

<210> 7251
 <211> 2251
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (198)...(1342)
 <223> similar to gi4176370 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7251						
ccagaaatgc	agaggagaaa	aagcgtttat	ctcttcagcg	agaaaagatt	atcgcaaggg	60
tgagtattga	taacaggacc	cgggcattag	ttcaggcatt	aagaagaaca	actgacccaa	120
agctctgcat	tactaggggt	gaagaactga	cttttcatct	tctagaattt	cctgaaggaa	180
aaggagtggc	tgtcaaggaa	agaattattc	catatttatt	acgactgaga	caaattaagg	240
atgaaactct	tcaggctgca	gttagagaaa	ttttggccct	aattggctat	gtggatccag	300
tgaaggaggag	aggaatccga	attctctcaa	ttgatgggtg	aggaacaagg	ggcgtgggtg	360
ctctccagac	cctacgaaaa	ttagttgaac	ttactcagaa	gccagttcat	cagctctttg	420
attacatttg	tggggtaagc	acaggtgcca	tattagcttt	catggttggg	ttgtttcata	480
tgcccttgga	tgaatgtgag	gaactttatc	gaaaattagg	atcagatgta	ttttcacaaa	540
atgtcattgt	tggaacagta	aaaatgagtt	ggagccatgc	attttatgac	agtcaaacat	600
gggaaaacat	tcttaaggat	aggatgggat	ctgcactgat	gattgaaaca	gcaagaaacc	660
ccacatgtcc	taaggtagct	gctgtaagta	ccatagtaaa	tagagggata	acacccaaag	720
cttttgtggt	cagaaactat	ggtcattttc	ctggaatcaa	ctctcattat	ttgggaggct	780
gtcagtataa	aatgtggcag	gccattagag	cctcatctgc	tgctccaggc	tactttgcag	840
aatatgcatt	gggaaatgat	cttcatcaag	atggagggtt	gcttctgaat	aacccttcgg	900
cattagctat	gcatgagtgt	aaatgtcttt	ggccagatgt	gccgttagag	tgcatagtat	960
ccctgggcac	tggacgttat	gagagtgatg	tgagaaacac	ggtaacatac	acaagcttga	1020
aaactaaact	ttctaattgt	atcaacagtg	ctacagatac	agaagaagtc	catataatgc	1080
ttgatggcct	gttacctcct	gacacctatt	ttagattcaa	tcctgtaatg	tgtgaaaaca	1140
tacctctaga	tgaagtcga	aatgaaaagc	tggatcagct	gcagttggaa	gggttgaaat	1200
acatagaaag	aaatgaacaa	aaaatgaaaa	aagttgcaaa	aatattaagt	caagaaaaaa	1260
caactctgca	gaaaattaat	gattggataa	aattaaaaac	tgatatgtat	gaaggacttc	1320
cattcttttc	aaaattgtga	tgagtatatg	cttatgttct	cataaatgaa	ggtctgttta	1380
gaagatcaac	cacattcaat	aagggaattgt	ggggttcgac	atgagttaac	tttgaaatac	1440
gtatgaattc	tggagaatcc	tgaaaaagac	ggtgcttcaa	ccagcttgca	tagcacagag	1500
aatattcttg	gttacagaat	tcatatggga	actaggcttt	taagatgtta	ataattagct	1560
aagcttttagt	aacccttact	gtgctagtag	attttagtag	atattgggtg	tatattgttt	1620
gatgtttgaa	aatatattaa	tatatgtgcc	gaacaagaaa	ccgaaagcta	tattgtactg	1680
tgtattttta	ctttagtcct	cataatcatg	ttgaatttat	gtgatcattg	attttatttc	1740
atatggaaaa	gctaattttct	tcttaaat	acattaccta	atattctcac	tagctatggt	1800

tcaagtcac	caacttctat	agtcaaagca	ggatcatgtg	gcgaagcata	tgctccacaa	1800
gggtggatag	cttttttcat	ggaatatgtg	aagaggtttg	ttgtctcatg	tgcccttagc	1860
tggttttggg	gtccagtagt	aaccttgcaa	gattgtcttg	ctgccttctt	tgccagagat	1920
gaactaaaag	gtgacaatat	gtacagttgt	gaaaaatgca	aaaagctgag	aaatggagtg	1980
aagttttgta	aagtacaaaa	ctttcctgag	attttgtgca	tccaccttaa	aagattcaga	2040
catgaactaa	tgttttccac	caaaatcagt	acccatgttt	catttccgct	agaaggcttg	2100
gatcttcagc	catttcttgc	taaggatagt	ccagctcaaa	ttgtgacata	tgatcttctg	2160
tcagtcattt	gccatcatgg	aactgcaagt	agtggacact	atatagccta	ctgccgaaac	2220
aatctaaata	atctctggta	tgaatttgat	gatcagagtg	tactgaagt	ttcagaatct	2280
actgtacaaa	atgcagaagc	ttacgttctt	ttctatagga	agagcagcga	agaggcacaa	2340
aaagagagga	gaaggatatc	aaattttattg	aacataatgg	aaccaagcct	ccttcagttt	2400
tatatcttc	gacagtggct	taataaaattt	aagaccttg	ccgaacctgg	ccctatttca	2460
aataatgact	ttctttgtat	tcattggaggt	gttcctccaa	gaaaagctgg	ttatatgaa	2520
gacctggttt	tgatgctgcc	tcagaacatt	tgggataacc	tatatagcag	gtatggtgga	2580
ggaccagctg	tcaaccatct	gtacatttgt	catacttgcc	aaattgaggc	ggagaaaatt	2640
gaaaaaagaa	gaaaaactga	attggaaaatt	tttattcggc	ttaacagagc	gttccaaaaa	2700
gaggactctc	cagctacttt	ttattgcatc	agtatgcagt	ggtttagaga	atgggaaaagt	2760
tttgtgaagg	gtaaagatgg	agatcctcca	ggtcctattg	acaatactaa	gattgcagtc	2820
actaaatgtg	gtaatgtgat	gcttaggcaa	ggagcagatt	ctggccagat	ttctgaagaa	2880
acatggaatt	ttctgcagtc	tatttatggt	ggaggcctg	aagtatatcct	gcgacctccg	2940
gttggtcatg	ttgatccaga	tatacttcaa	gcagaagaaa	aaattgaagt	agaaactcgg	3000
tctttgtaat	ttttaggatg	tagagagttc	taatgaggaa	tcattttcat	gtgccctgac	3060
atgtacacat	gcgaaaacat	tcctaaaagc	gtgtttat	gctttatttt	ttttcatcat	3120
ttatcccatt	tatttcttct	tagtgggcat	tatggaagaa	tatattaaaa	tgtgtaatat	3180
accacaggtt	ggtatatatta	gttttaaata	cttaccataa	agtctttcag	tgtaattttt	3240
ttttgagaca	gagtcttgct	ttgtcaccca	ggctggagtg	ctgtgggtgt	acctcagctc	3300
actgcagcct	ccacctcctg	ggttcaagcg	attctcctgc	ctcagcctct	cgagtagctg	3360
ggattacagg	cacctgccac	catgcccggc	taatttttgt	atttttagtag	agatgggggt	3420
tcaccatggt	ggccaggcta	gtctcaaact	cctgacctca	ggtgatccac	ccacctcggc	3480
ctcccaaagt	gctgggatta	caggtgtgag	ccacagcgcc	tggcccagtg	taatatTTTT	3540
gaaagaggag	ggacaattgt	gaaatcagta	ggttatcttt	aatctttaca	ctacatgcag	3600
atccatagta	tcctttgtag	tggtgtaaat	acttttgctt	tgaaaacttt	ttcattgtcc	3660
taaatcaccc	tgactctgac	cagtctttca	gttctccaaa	agcccaattt	aattgtatag	3720
ttttgtcatg	gcttcatata	ataaagagcc	tattttaagt	tgaaagtagt	agtcagaaaa	3780
ttgttaattt	cctaaagctc	aggaaactag	ggtgtcactt	tttttgact	gcagcatata	3840
cactaactag	cttattaaaa	tttacaaaat	gtctttttga	atgtatcaag	gatataattt	3900
gtttgagtg	aatttgtcag	cagatatcag	taacttattg	ccgcttatat	tgtacaatgt	3960
taaacttcaa	ttcctgtaac	ctgggttagta	ttaatgtcag	tgactaaaaa	acttagagtt	4020
agttttagg	cactttttat	tttgagagca	tgaagtgtgg	aatgtgtcac	tacgattgtt	4080
gataaagctg	aggccacttg	caacttgatt	ttttaaatga	aatagataaa	gtctttttga	4140
ataatatagt	atgcactgct	atttgcttga	ttatgtaatg	tcaaaagt	aactatattc	4200
caagtacaaa	aacatactgg	attacattga	ggatgttgaa	tagcattcat	gatggctttg	4260
ttttggtttg	gggcagctgt	caccagctaa	agcaatgttg	ttaaaattag	ctcaataaaa	4320
atgtcttta	aatgcaaaaa	aaaaa				4345

<210> 7253
 <211> 1196
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (159)...(752)

<223> similar to gi673423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7253

tacaaggggc	tgtgctgaga	ggcgtctgctg	ggcgtctggg	cggaggactc	ctggttctgg	60
gtgctgggag	agcgatgggg	ctctcagcgg	tgggaaggac	ccgagctgag	tctgggacag	120
cagagcgggc	agcaccggtt	tttgtccttg	gcctccaggc	tgtgagcaca	gatacgagc	180
atthttggccc	aggcaccggg	ctgacagtgc	tcgaggacct	gaaaaacgtg	ttcccacccg	240
aggtcgctgt	gtttgagcca	tcagaagcag	agatctccca	cacccaaaag	gccacactgg	300
tatgcctggc	cacaggtctt	taccccgacc	acgtggagct	gagctggtgg	gtgaatggga	360
aggaggtgca	cagtgggggtc	agcacagacc	cgcagcccct	caaggagcag	cccgcctca	420
atgactccag	atactgcctg	agcagccgcc	tgagggtctc	ggccaccttc	tggcagaacc	480
cccgaacca	cttccgctgt	caagtccagt	tctacgggct	ctcggagaat	gacgagtggg	540
cccaggatag	ggccaaacct	gtcaccgaga	tcgtcagcgc	cagggcctgg	ggtagagcag	600
actgtggctt	cacctccgag	tcttaccagc	aagggtgctt	gtctgccacc	atcctctatg	660
agatcttgct	agggaaggcc	accttgatg	ccgtgctggt	cagtgccttc	gtgctgatgg	720
ccatggtcaa	gagaaaggat	tccagaggct	agctccaaaa	ccatcccagg	tcattcttca	780
tcctcaccca	ggattctcct	gtacctgctc	ccaatctgtg	ttcctaaaag	tgattctcac	840
tctgcttctc	atctcctact	tacatgaata	cttctctctt	ttttctgttt	ccctgaagat	900
tgagctccca	accccccaagt	acgaaatagg	ctaaaccaat	aaaaaattgt	gtgttggggc	960
tggttgcat	tcaggagtg	ctgtggaggt	ctgctcatca	ctgacctatc	ttctgattta	1020
gggaaagcag	cattcccttg	gacatctgaa	gtgacagccc	tctttctctc	cacccaatgc	1080
tgctttctcc	tgttcatcct	gatggaagtc	ctcaaacacc	atttccatac	ccaggcattc	1140
tgggtcccca	ctggagggtt	agtctgaagg	gcaatggctg	ggcttttgaa	aaccag	1196

<210> 7254

<211> 4888

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(1852)

<223> similar to gi3327094 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7254

tttcgtgctg	tggctgcgga	ggttgagggg	cgtccgaggc	gcggaggggc	tggctgggca	60
ggagggggtt	gcggggcagc	agggccgcgg	ccatggggag	cttgaaggag	gagctgctca	120
aagccatctg	gcacgccttc	accgcactcg	accaggacca	cagcggcaag	gtctccaagt	180
cccagctcaa	ggtcctttcc	cataacctgt	gcacggtgct	gaaggttcct	catgaccag	240
ttgcccttga	agagcacttc	agggatgatg	atgagggtcc	agtgtccaac	cagggttaca	300
tgctttat	aaacagggtt	atthttggaaa	agggtccaaga	caactttgac	aagattgaat	360
tcaataggat	gtgttgga	ctctgtgtca	aaaaaaacct	cacaaagaat	cccctgctca	420
ttacagaaga	agatgcattt	aaaatatggg	ttatthttcaa	ctthtttatct	gaggacaagt	480
atccattaat	tattgtgtca	gaagagattg	aatacctgct	taagaagctt	acagaagcta	540
tgggaggagg	ttggcagcaa	gaacaatttg	aacattataa	aatcaacttt	gatgacagta	600

aaaatggcct	ttctgcatgg	gaacttattg	agcttatttg	aatggacag	tttagcaaag	660
gcatggaccg	gcagactgtg	tctatggcaa	ttaatgaagt	ctttaatgaa	cttatattag	720
atgtgttaaa	gcagggttac	atgatgaaaa	agggccacag	acggaaaaac	tggactgaaa	780
gatggtttgt	actaaaaccc	aacataattt	cttactatgt	gagtgaggat	ctgaaggata	840
agaaaggaga	cattctcttg	gatgaaaatt	gctgtgtaga	gtccttgcct	gacaaagatg	900
gaaagaaatg	cctttttctc	gtaaaaatgtt	ttgataagac	ttttgaaatc	agtgccttcag	960
ataagaagaa	gaaacaggag	tggattcaag	ccattcattc	tactattcat	ctgttgaagc	1020
tgggcagccc	tccaccacac	aaagaagccc	gccagcgtcg	gaaagaactc	cggaagaagc	1080
agctggctga	acaagaggaa	ctggagcgac	aaatgaagga	actccaggcc	gccaatgaaa	1140
gcaagcagca	ggagctggag	gccgtgcgga	agaaactgga	ggaagcagca	tctcgtgcag	1200
cagaagagga	aaagaaacgc	cttcagactc	aagtggaaact	tcaggccagg	ttcagcacag	1260
agctggaaaag	agagaagctt	atcagacagc	agatggaaga	acaggttgct	caaaagtcct	1320
ctgaactgga	acagtattta	cagcgagtac	gggagctgga	agacatgtac	ctaaagctgc	1380
aggaggctct	tgaagatgag	agacaggccc	ggcaagatga	agagacagtg	cggaagcttc	1440
aggccagggt	gttggaggaa	gagtcttcca	agagggctga	actagaaaag	tggcacttgg	1500
agcagcagca	ggccattcag	acaaccgagg	cggagaagca	ggagttggag	aatcagcgtg	1560
tcctgaagga	acaggccctg	caggaggcca	tggagcagct	ggaggagctt	gagttagaac	1620
ggaagcaagc	acttgagcag	tacgaggaag	ttaaaaagaa	gctggagatg	gcaactaata	1680
agaccaagag	ctggaaggac	aaagtggccc	atcatgaagg	attaattcga	ctgatagaac	1740
caggttcaaa	gaaccctcac	ctgatcacta	actggggacc	tgcagctttc	actgaggcag	1800
aacttgaaaga	gagagagaag	aactggaaaag	agaaaaagac	cacggagtga	ctgagcttgc	1860
tggcagtcac	gtcagttatg	tagatactgc	atggcaggag	agctttacgc	taaagacaaa	1920
agaaacagct	ttggggggccg	ggcgtggtgg	ctcacgcctg	taatcccagc	actttgggag	1980
gccgaggcgg	gtggatcacc	tgaggtcagg	agttcaagac	cagcctggcc	aacctgggtga	2040
aacctgtct	ctactaaaaa	tacaaaaaaa	attagctgag	cgtgggtggcg	ggcgctgta	2100
atcccagcta	cttgggaggc	tgaggcagga	gaatcacttg	aacgtgggag	gcggagggtt	2160
cagcgagctg	agatcatgcc	gttgactccc	agcttgggca	acagagttag	actccatctc	2220
aaaacaaaac	aaaacaaaac	aaaaaaaccc	ggctttgctg	cttttaactc	ttcttccttc	2280
tgtgcctctc	taagtgggtc	agtatcctaa	ggaagccttc	ttatttatct	tcctgcaaac	2340
aagggttacc	tgaaaagaaa	aaaaaagtca	acattgtcaa	gctgtttggt	tactctttct	2400
ttgaaaacat	caccttctga	aatttgtctt	ttagctctct	cagattcttc	cccaaatgag	2460
gcagggtgca	gacagcacag	tcagctctgc	agagtttgga	ggggctcact	gccactgggt	2520
actcagaacc	tctgtggact	ggatgtcagc	tctttccttt	ggcagcgtgt	ttccttttcc	2580
gagtatgtgc	tgttaaaacta	gattggccgg	ttcgctttcc	atttcctgac	acttgacatg	2640
gaatgccttt	gaccattggt	gctctgacag	agaagtcatg	gagtcattgc	catttcctgg	2700
ttgccctttt	ggaatgtgat	cctgttagta	gaggttttct	agcttctact	aagatatattc	2760
ttccctaacc	catcatacac	ttggcatggt	tcattcccat	ctcctttccc	ctcaccttaa	2820
aggagactac	ccctttgccc	catattgtca	acctaatttt	ctctcgtagt	ctctctagtg	2880
aatgatgtgc	taccaagtat	atgccaggct	gtgagaggat	tatactgagt	agtagaaaga	2940
agctaatttg	aaataaaaaat	tatttgtata	attaagaaag	cagattagat	gcacatggtc	3000
aacaggaagt	tgactgtatg	tctgctagtt	agattcaaaa	catcataaag	atgatagcat	3060
gtcaatatat	tagcctagcc	attatgttag	cctttgttag	gtgggcagct	tttctgcttt	3120
ttcccttctc	ctgtggtgac	aacggaggaa	atatccaaca	gaaatacgtc	taacagggaa	3180
attgggatca	tagtttataat	gcatctgatt	tgaagaggat	attgaggaag	gttttcatat	3240
atgatctatc	tttggattaa	aaagaacatt	tatgaaatca	agccttctaa	cactagttat	3300
aattgagaag	caacagtaac	tccgtggaca	gcaatcaagc	ttaaaattgt	aaataaatat	3360
ggggataaatt	cagttgttgc	aaaaaaaggg	cagaattcag	tagaataaag	tccttttctc	3420
ttacagggtat	taaattgagga	cagagaacct	caggtgttct	tatgctagtg	cttgctgagt	3480
gcatactaag	aaagcaattc	caaatagatg	tatacatcta	gagagagtgg	tattagagat	3540
tcagtgtatg	tattttattta	catgagagga	aactggaata	taatcccata	aattattgga	3600
atataatccc	ataaattatc	accttttatg	actggaaaat	atttgccaat	gaagaaatgg	3660
tctgtaggta	tttgtcttaa	gatttttggc	tgtttaataa	aaatgtaact	ttaacggttt	3720
cttatagttg	cctttataaa	gtgtattgtc	taaaatattt	ttgtatcatg	tgcccttgaa	3780
atttgacagc	tgatttgggt	gttggatttc	tgccagcca	tttatcagta	ttatcatttt	3840
attcagtagc	tggcagggtg	attagacaaa	cgagacttag	gtaaggaatg	gaacctttcc	3900
tgtgggttga	ctgcacatca	caccagaaga	ctccagtatc	cctcattcca	gaatgaggaa	3960
aaagtattct	acaaagaacc	taatcacctc	tgtgaaatct	atgggatgga	aacagtgtgg	4020

tgaaatttta	agttgggggtg	ttaaaatcaa	attattttcta	aattatagct	atttagataa	1380
ttcaactggt	tttctttttt	gagtcatttg	ttacaacatg	tggctttaga	taaatgaagc	1440
tggatttgta	attcttgact	tttaaaaaac	tctagcattc	caagttttcca	ttactta	1497

<210> 7256
 <211> 1970
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1706)...(1503)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7256						
cgacctcccg	agtagctggg	attgcgggca	cttgccacca	tgccctgacca	atTTTTgtat	60
ttttagttga	gacgggattt	tgccatgttg	gctaggctgg	tctcgaactc	ctgacctcag	120
gtgatccgcc	cacctcagcc	tcccaaagtg	ctgggattac	aggcatgagc	cactgtgcct	180
ggccgtggac	cttctttttca	agaattatg	gaggcttatt	ttagttcccc	taacttggaa	240
atctcctgag	gaagaaaggt	gactacaggc	atttgtcaaa	aatttgtaaa	ggcaagttta	300
ttagcctctg	ccatcggggg	caaagaataa	tagctaaggc	aaacaataga	cacaccaaaa	360
agcctgggag	gaaaagctgg	aaagtaagat	attttggaga	ataaaggctt	ttaaaacttc	420
cacatattct	tgggaatcca	aaaggccaca	tgtacatgca	gggtgagcaa	atagagaaga	480
cttgagaaag	ccttaaactc	tcacctctgg	ctaaccatca	ggcttgctca	aataggaagt	540
gaaaactaag	gtgaatttgt	tgcttagctg	aatgttgaag	gtgtgcccc	acacttacac	600
agagcctact	ggtaaagaca	gagtgttttc	tttttgtctt	ggtttcaggc	atttaaggaa	660
atctgtttct	cttttggtac	actagctgca	aattaagcta	acagaacagg	agctcagctg	720
gtcacacaca	gcaacgaata	cagactttat	aaagttcaga	aaagttacca	aacagtggta	780
accataacaa	gtaccaacaa	tgaactatgg	ggagggagga	gaatctgatt	tccagagtta	840
ccacattata	atactattca	aaatgtcaca	tttttagcaa	agattacatg	acaaggaaaa	900
accagaaaag	tatggcccat	acacaggtaa	aaaaagaaat	taatagaaac	tacccttgaa	960
gaagcacaga	cttcggatgt	acaaaacaaa	gacttttcat	caactctttt	agatatgcta	1020
gaagagctaa	aggaaaccat	ggacagagaa	caaaaaaatt	aggaaagcaa	tgtctcatcc	1080
aatacagaat	atcaataaag	agattgaaat	tgtagaaaag	aaccaaatag	aaattctgga	1140
gttgaaaagt	attataacta	aaactgaaaa	ttcactagag	gtattcagca	gcagactgga	1200
gaagtcagaa	gaaagaatca	acaggcttca	agatagggtca	attaagatta	tacagtctga	1260
ggagcagaaa	ggaaaaagaa	tgaagaaaaa	tgaacagagc	ataaaagacc	tctgggactc	1320
tatcaagcat	accagtatat	gcatgagggg	agtcccagaa	ggagaagaaa	gagagaaagg	1380
gacataatat	ttgaagaaat	aatggtagaa	aatgtcccag	ctttgatgaa	atacatgaat	1440
ctagatattc	aagaggctca	aagaacccta	aatagggtaa	actcaaaaag	acccacaccg	1500
gaatgcaaaa	gtgagctggg	tgtggtggca	cgtgcctgtg	gtcccagcta	ctcgagaggc	1560
taaggcagga	aaatcgcttg	aaccacaggag	gcagagattg	cgggtgagccg	ggattgcgcc	1620
agtgcactcc	agctgggcga	cagagcgaga	ttccatctcg	aaaaaaaaaa	aaacaaaaaa	1680
cctttggctg	cagcctttca	aagggaaggg	gggaaagaat	aatattacct	gatttcaaaa	1740
gggacttgaa	aatgggaatc	atTTTTtttg	ctgaaaaaat	cttaactctt	tgaaattact	1800
ttttgtggct	gtggccatac	tctaaggggc	caaactgcgg	aaaatttttt	atcaggggaag	1860
gggaaccatg	tgttttgttg	tttgggaaat	ttttatcaag	aatcttcaaa	aaaaataatt	1920
tcttgcttta	tcttcaaaaa	ctggaagggg	agggtcaaag	aaaagacagt		1970

0046360 "013300

<210> 7257
 <211> 1266
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (352)...(1024)
 <223> similar to gi396170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7257
 agcttggtctc tgccttctgc agtgtgagta acacactgaa gccagaagct gtgggctgtg 60
 ggggaagtggc tgcattcgcca cccaaggac cctggacttt gccagacgtc aggggttgaga 120
 ggagccacta gcacccatccc agagctgtca gcaccggcct cagcccaggc ggctctctcc 180
 ctgagcttcc tgtaccctga cctctccag cctcagacct gagacagggc tggacaagga 240
 agcagagagc agaagaaaag cagaagcgaa gctcagatct gctgggagga gactacattt 300
 tgtccctcc tgggggtcttg cacagtggca ggtgacattc gtgttacagg aatgactgcc 360
 agggcctggg cctcgtggcg gtcttcagct ctgctcctcc tgcttgctcc aggctatattt 420
 cctctgagcc accccatgac cgtggcgggc cccgtggggg gatccctgag tgtgcagtgt 480
 cgctatgaga aggaacacag gaccctcaac aaattctggt gcagaccacc acagattctc 540
 cgatgtgaca agattgtgga gaccaaaggg tcagcaggga aaaggaatgg ccgagtgtcc 600
 atcagggaca gtccctgcaa cctcagcttc acagtgacct tggagaatct cacagaggag 660
 gacgcaggca cctactgggtg tgggggtggat acaccgtggc tccgagactt tcatgatccc 720
 attgtcgagg ttgaggtgtc cgtgttcccg gccgggacga ccacagcctc cagcccccag 780
 agctccatgg gcacctcagg tcctcccacg aagctgcccg tgcacacctg gcccagcgtg 840
 accagaaagg acagccccga acccagccca caccctggct cctgtttcag caatgtccgc 900
 ttctgtctcc tgggtctctt ggagctgccc ctgctcctga gcattgtggg tgccgtctc 960
 tgggtgaaca gacctcagag aagctctata agcaggcaga attggcccaa ggggtgagaac 1020
 cagtagcatc tgctgtccat caaggccctg tgcttgcaac agagcccttt tggggaactt 1080
 ggaatgacct cctgaccatc aaggcctgca acagagcccc tctggggggac tggaatgacc 1140
 tctgaccac tccctcccg gctgctctct ccaacatctc ctggaatcct ttgtgagcct 1200
 ccttcagcct ttccctgtg cccgatccaa catgtgacac atgaggactt tagagcacia 1260
 tggatc 1266

<210> 7258
 <211> 1761
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (21)...(1359)
 <223> similar to gi29391 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 7258
ctgagtgggtt gtttagccaag atggcggttag cgatcgctgc agcgaggggtc tggcgggctaa    60
accgtgggttt gagccagggt gccctcctgc tgctgcggca gcctgggggt cggggactgg    120
ctagatctca cccccccagg cagcagcagc agttttcatc tctggatgac aagccccagt    180
tcccaggggc ctcggcggag tttatagata agtttgaatt catccagccc aacgtcatct    240
ctggaatccc catctaccgc gtcattggacc ggcaaggcca gatcatcaac cccagcgagg    300
acccccacct gccgaaggag aaggtgctga agctctacaa gagcatgaca ctgcttaaca    360
ccatggaccg catcctctat gactctcagc ggcagggccg gatctccttc tacatgacca    420
actatggtga ggagggcacg cacgtgggga gtgcccgcgc cctggacaac acggacctgg    480
tgtttggcca gtacgggag gcaggtgtgc tgatgtatcg ggactacccc ctggaactat    540
tcatggccca gtgctatggc aacatcagtg acttgggcaa ggggcgccag atgcctgtcc    600
actacggctg caaggaacgc cacttcgtca ctatctcttc tccactggcc acgcagatcc    660
ctcaggcggt gggggcggtg tacgcagcca agcggggccaa tgccaacagg gtcgtcatct    720
gttacttcgg cgagggggca gccagtggag gggacgccc tgcgggttc aacttcgtg    780
ccacacttga gtgccccatc atcttcttct gccggaacaa tggctacgcc atctccacgc    840
ccacctctga gcagtatcgc ggcgatggca ttgcagcacg agggccccgg tatggcatca    900
tgtcaatccg cgtggatggt aatgatgtgt ttgccgtata caacgccaca aaggaggccc    960
gacggcgggc tgtggcagag aaccagccct ttctcatcga ggccatgacc tacaggatcg   1020
ggcaccacag caccagtgc gacagttcag cgtaccgctc ggtggatgag gtcaattact   1080
gggataaaca ggaccacccc atctcccggc tgcggcacta tctgctgagc caaggctggt   1140
gggatgagga gcaggagaag gcctggagga agcagtcctc caggaagggt atggaggcct   1200
ttgagcaggc cgagcggaag cccaaaccca accccaacct actcttctca gacgtgtatc   1260
aggagatgcc cgcccagctc cgcaagcagc aggagtctct ggcccgccac ctgcagacct   1320
acggggagca ctacccactg gatcacttcg ataagtgaga cctgctcagc ccacccccac   1380
ccatcctcag ctaccccag aggttagcccc actctaaggg gagcaggggg acctgacagc   1440
acaccactgt cttccccag cagctccctc taaaatactc agcggccagg gcggtgcca   1500
ctcttcaccc ctgctcctcc cggctgttac attgtcaggg gacagcatct gcagcagttg   1560
ctgaggctcc gtcagccccc tcttcacctg ttgttacagt gccttctccc aggggctggg   1620
tgagggcaca ttcaggacta gaagcccctc tgggcatggg gtggacatgg caggtcagcc   1680
tgtggaactt gcgcaggtgc gactggccag cagaggtcac gaataaactg catctctgcg   1740
cctggctctc taaaaaaaaa a                                     1761

```

```

<210> 7259
<211> 5716
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (331)...(4331)
<223> similar to gi3043626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7259
agcgctcaaa ccacacgcac cgctgctcgg ggcttggaga tttgcgcagg ctgggctccc    60
ggaccggcg gaccgacgc cgaggatcg ggatccggcg ctgtgggggt ggggtgggcg    120
ggggaggctg ccccggtgc ctttggcgcg acaccgcat gaggacgcga gtgaaatata    180

```

ccaaggtgga	atttccaagg	gaaaagcttc	ggggtggttt	tgggtccattt	ctccagcgaa	240
gaagttgaca	tggcgagcga	ctccccggct	cgaagcctgg	atgaaataga	tctctcggct	300
ctgagggacc	ccgcagggat	ctttgaattg	gtggaacttg	ttggaaatgg	aacatacggg	360
caagtttata	agggtcgtca	tgtcaaaacg	ggccagcttg	cagccatcaa	ggttatggat	420
gtcacagggg	atgaagagga	agaaatcaaa	caagaaatta	acatgttgaa	gaaatattct	480
catcaccgga	atattgctac	atactatggt	gcttttatca	aaaagaaccc	accaggcatg	540
gatgaccaac	tttggttgg	gatggagttt	tgtggtgctg	gctctgtcac	cgacctgac	600
aagaacacaa	aaggttacac	gttgaaagag	gagtggattg	catacatctg	cagggaaatc	660
ttacgggggc	tgagtacac	gcaccagcat	aaagtgattc	atcgagatat	taaagggcaa	720
aatgtcttgc	tgactgaaaa	tgcagaagtt	aaactagtgg	actttggagt	cagtgtcag	780
cttgatcgaa	cagtgggcag	gaggaatact	ttcattggaa	ctccctactg	gatggcacca	840
gaagttattg	cctgtgatga	aaaccagat	gccacatatg	atttcaagag	tgacttgtgg	900
tctttgggta	tcaccggcat	tgaaatggca	gaaggtgctc	cccctctctg	tgacatgcac	960
cccatgagag	ctctcttcct	catcccccg	aatccagcgc	ctcggctgaa	gtctaagaag	1020
tgggtcaaaaa	aattccagtc	atttattgag	agctgcttgg	taaagaatca	cagccagcga	1080
ccagcaacag	aacaattgat	gaagcatcca	tttatacgag	accaacctaa	tgagcgacag	1140
gtccgcattc	aactcaagga	ccatattgat	agaacaaaga	agaagcgagg	agaaaaagat	1200
gagacagagt	atgagtacag	tggaagttag	gaagaagagg	aggagaatga	ctcaggagag	1260
cccagctcca	tcctgaatct	gccaggggag	tcgacgctgc	ggagggactt	tctgaggctg	1320
cagctggcca	acaaggagcg	ttctgaggcc	ctacggaggc	agcagctgga	gcagcagcag	1380
cgggagaatg	aggagcaca	gcggcagctg	ctggccgagc	gtcagaagcg	catcgaggag	1440
cagaaagagc	agaggcggcg	gctggaggag	caacaaaggc	gagagaagga	gctgcggaag	1500
cagcaggaga	gggagcagcg	ccggcactat	gaggagcaga	tgccgaggga	ggaggagagg	1560
aggcgtgcgg	agcatgaaca	ggaatacatc	aggcgacagt	tagaggagga	gcagagacag	1620
ttagagatct	tgagcagca	gctactgcat	gaacaagctc	tacttctgga	atataagcgc	1680
aaacaattgg	aagaacagag	acaagcagaa	agactgcaga	ggcagctaaa	gcaagaaaga	1740
gactacttag	tttcccttca	gcatacagcg	caggagcaga	ggcctgtgga	gaagaagcca	1800
ctgtaccatt	acaaagaagg	aatgagtcct	agtgagaagc	cagcatgggc	caaggaggta	1860
gaagaacggt	caaggctcaa	ccggcaaaag	tcccctgcca	tgccctcaca	ggttgccaac	1920
agatatctg	accccaacct	gcccccaagg	tccgagtcct	tcagcattag	tggagttcag	1980
cctgctcgaa	gccccccat	gctcagacca	gtcgatcccc	agatcccaca	tctggtagct	2040
gtaaaatccc	agggacctgc	cttgaccgcc	tccagtcag	tgacagagca	gcccacaaag	2100
ggcctctctg	ggtttcagga	ggctctgaac	gtgacctccc	accgcgtgga	gatgccacgc	2160
cagaactcag	atcccacctc	ggaaaatcct	cctctcccca	ctcgatttga	aaagtttgac	2220
cgaagctctt	ggttacgaca	ggagaagac	attccacca	agggtgcctc	aagaacaact	2280
tctatatccc	cagcattagc	cagaaagaat	tctcctggga	atggtagtgc	tctgggacct	2340
agactaggat	ctcaacccat	cagagcaagc	aaccctgac	tccggagaa	tgagcccatc	2400
ttggagagcc	ccttgacag	gaccagcagt	ggcagttcct	ccagctccag	cacccttagc	2460
tcccagccca	gctcccaagg	aggctcccag	cctggatcac	aagcaggatc	cagtgaacgc	2520
accagagttc	gagccaacag	taagtcaaaa	ggatcacctg	tgctccccc	tgagcctgcc	2580
aaggtgaaac	cagaagaatc	cagggacatt	acccggccca	gtcgaccagc	tagctacaaa	2640
aaagctatag	atgaggatct	gacggcatta	gccaagaag	taagagaact	ccggattgaa	2700
gaaacaaacc	gcccattgaa	gaaggtgact	gattactcct	cctccagtga	ggagtacagaa	2760
agtagcgagg	aagaggagga	agatggagag	agcgagaccc	atgatgggac	agtggctgtc	2820
agcgacatac	ccagactgat	accaacagga	gctccaggca	gcaacgagca	gtacaatgtg	2880
ggaatggtgg	ggacgcattg	gctggagacc	tctcatgcgg	acagtttcag	cggcagttat	2940
tcaagagaag	gaaccttgat	gattagagag	acgtctggag	agaagaagcg	atctggccac	3000
agtgcagca	atggctttgc	tggccacatc	aacctccctg	acctgggtga	gcagagccat	3060
tctccagctg	gaaccccgac	tgagggactg	gggcgctct	caacccattc	ccaggagatg	3120
gactctggga	ctgaatatgg	catggggagc	agcaccaaag	cctccttcac	cccctttgtg	3180
gacccagag	tataccagac	gtctccact	gatgaagatg	aagaggatga	ggaatcatca	3240
gccgcagctc	tgtttactag	cgaacttctt	aggcaagaac	aggccaaact	caatgaagca	3300
agaaagattt	cgggtggtaaa	tgtaaaccca	accaacattc	ggcctcatag	cgacacacca	3360
gaaatcagaa	aatacaagaa	acgattcaac	tcagaaatac	tttgtgcagc	tctgtggggg	3420
gtaaaccttc	tgggtggggac	tgaatatggc	ctgatgcttt	tggaccgaag	tgggcaaggc	3480
aaagtctata	atctgatcaa	ccggaggcga	tttcagcaga	tggatgtgct	agagggactg	3540
aatgtccttg	tgacaatttc	aggaaagaag	aataagctac	gagtttacta	tctttcatgg	3600

ttaagaaaca	gaatactaca	taatgaccca	gaagtagaaa	agaaacaagg	ctggatcact	3660
gttggggact	tggaaggctg	tatacattat	aaagttgtta	aatatgaaag	gatcaaattt	3720
ttggtgattg	ccttaaagaa	tgctgtggaa	atatatgctt	gggctcctaa	accgtatcat	3780
aaattcatgg	catttaagtc	ttttgcagat	ctccagcaca	agcctctgct	agttgatctc	3840
acggtagaag	aagggtcaaa	attaaagggt	atTTTTTggtt	cacacactgg	tttccatgta	3900
attgatgttg	attcaggaaa	ctcttatgat	atctacatac	catctcatat	tcagggcaat	3960
atcactcctc	atgctattgt	catcttgcc	aaaacagatg	gaatggaaa	gcttggttgc	4020
tatgaggatg	agggggtgta	tgtaaaccac	tatggccgga	taactaagga	tgtgggtgctc	4080
caatggggag	aaatgcccac	gtctgtggcc	tacattcatt	ccaatcagat	aatgggctgg	4140
ggcgagaaa	ctattgagat	ccggtcagtg	gaaacaggac	atTTTggatgg	agtattttatg	4200
cataagcgag	ctcaaagggt	aaagtttcta	tgtgaaagaa	atgataaggt	atTTTTTgca	4260
tccgtgcgat	ctggaggga	tagccaagtg	TTTTTcatga	ccctcaacag	aaattccatg	4320
atgaactgg	aacagaagag	cacttgccac	ttatcttcat	ggcgttattt	ctaattttaa	4380
agaacataac	tcatgtggac	ttatggcagt	ctagaggcag	aatcagaagg	cttggttgaa	4440
catatcgctt	tccctttttc	ctctccctcc	gccccctcca	gtacagtcca	tctttcaatg	4500
ttgcagcctg	gttgagaagg	agagaaaaag	gtggcaggaa	tttcccagga	gatccccaa	4560
aatgctgcct	tgtctgtgga	caaagatgga	ccatgtgccc	ttcggaatta	gggatagaaa	4620
caaataattgt	gtgctcttaa	cgattaagct	gtgttatggg	gggttttcag	gtttttacct	4680
tttttcttta	cccccttact	ctgcaagaat	ggggaaagaa	tgcatactgc	gaaaatgagt	4740
cttttaaatt	ctgtctgcct	actagtTTTt	agtatatggt	atgttgtaaa	atttccaatg	4800
atgagagaca	gcacaataaa	tgtacccttat	ctccttaggc	tgaaggccat	aactacatag	4860
tggagtaatt	taagaactct	cttgcccttca	ccaacccaaa	aggttgcttt	ttgatagcaa	4920
ctggctaattg	aattttttaa	aagagaagaa	aaatactagt	tttcccctct	tttgggaaat	4980
agatttttaa	tggctaaact	actagcctta	aaactactag	tctaataaaa	tcaactacca	5040
cttttgtgaa	tctgacaggc	cacatttttta	tatggccctt	tacagaatgg	agtgtgttga	5100
acaggatact	aacgccattg	agttgagctg	gcctagcgat	ggaggggacac	tctaacacaa	5160
ctttccctca	gctattatgc	aacagatcag	ggaaaaagat	gggatgacag	atgggggtcag	5220
acagaaagag	cttctgggaa	acaagcttac	atagtctttt	ttaaaatgca	caaagcctcc	5280
cagctaagag	gtcacttggt	ttgggcttca	ttaggactga	gactttgttg	agttctttct	5340
gggacttgg	gagtggatga	tattcaggct	ctgaacattc	ccagcgctct	cccagggggtg	5400
ccactttctc	aagatgaaaa	ctgtgactga	aaaaattaat	aataaatggt	tctgagcttg	5460
cctgtgttct	ccccgtgtg	ggtgagagaa	gggactagac	tccctaaagc	ctgcctcaga	5520
tacaagaggc	atcattggct	ccaatttttag	agaacttgaa	agcaaggcct	tggacaaaat	5580
tttgagaccc	taatcacttt	accttccctcc	aaaattaccc	aacatacggg	aaacaacatt	5640
tgtgcagaag	tatgtatgta	tttagttcag	gttgacttgt	gtccttataa	actcttactc	5700
aatgatttg	aacttt					5716

<210> 7260

<211> 1550

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1222)...(614)

<223> similar to gi2143254 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7260

TTTTTTTTTT ttataaatat tgattttata gaaaggacca attcaaaatt ggtcagatgc 60

cacacgctag	aaagcttcca	gaaccacgat	ggaaagaaaa	aaaagaaaac	aaaaaacaga	120
gagaacaaac	aaaaataccc	cagaccaaaa	tgcctgaaaa	atcaagggtcc	tgggtgacca	180
aaggattctt	aaagaaaaca	tgtggctggg	gtgaggagac	cccaatgcct	gaacgagacc	240
ccagagtgga	aggaaaaaca	accagaaat	gcaaatecga	agtccttgcc	cacggggccc	300
ccccacgctg	tcaaaagcga	ggcaaagggc	ttcacagctt	tataggggtg	ggggttgatg	360
gcagtagctt	aaataataac	gggaggaagg	agggttttta	tacttcagct	ttttttttgt	420
ctgccccctt	cttcctctac	gcggaagagg	agagactggg	agcttgagggt	taaggagaaa	480
acagtatttc	ccccccactt	ctttaatagg	caaaccatct	agaaatggac	tgtcataaaa	540
aaatgccaga	tcccacctgt	gacctgacag	cccccaattc	ctagagaggt	gagagctgtc	600
gtgtggcagg	ttaggagagg	tgccaacctt	gggcgatgcg	gcttcttggg	aaataacagc	660
tccagcgaga	aagaattggg	gtgagggaga	ggatgggggc	cagaatgggg	ggacccttaa	720
gtggtaccaa	aattagctgc	cgtttggtcc	ctgctggtgg	gtccctgggg	tggaaagcat	780
ggcaaggagg	gggttggggc	tgaatggaga	agaaagtgag	atgctgataa	aaaaaaaaaa	840
acacccttct	cagaggggtcc	acggccctgg	ttctgaagag	tagaaaatca	acaggatcaa	900
gcagagggct	ttcctgggtc	acccctgctg	aaccccagct	cagttccggt	gagggatcaa	960
tgctgcttgg	agtaggggaa	tgggcaggcg	gcccagtcgg	gaccctcggc	tcccggggga	1020
gaggggaggg	gtgggcgtgg	tgggctctcc	ccggccctcc	ccgggcttca	cttcccttcc	1080
tcccggccgg	cccggccccc	gectggccca	ttgcagggca	gcacccagtt	gttatcgtgg	1140
aggcccaggc	ggcagccggg	agtctcgcg	tcggctcgac	ggcagcatat	ccagtaggaa	1200
cgtccgtaag	gcaggtcatg	gtggtagggc	ttgggggtgc	agcggcagag	cgacacgtcg	1260
cccttctcgt	atctcttgcg	gcactgtttg	cacggatcat	cgcggtagag	cgggtctcgg	1320
ctccagcgcg	agtctgtggc	ccgcacgcc	aacgcctcga	tgatgccctt	gaagtgggtg	1380
caggtgcact	tgagggcggc	cagcgcgcgc	gtgggcagga	agctgaagat	cttgaccagc	1440
acgtgctcgg	gcagcagcag	catgtactgt	cgcggtccca	gcagcgcgtg	aatcttgaag	1500
cggatctcta	ggaagtcgtg	cgacacgtgc	cggatacaagc	ggcacagggg		1550

```
<210> 7261
<211> 6742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (220)...(1877)
<223> similar to gi5689383 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7261						
cgcgcgccaa	tgatgactaa	ggctgtgccg	gaggaacccc	gaaagccagg	aaggctgacc		60
caggccctga	actcaccctt	cacctgggag	catgtttgga	tttgcgctcc	cggcggcact		120
cctgactgtc	tgacagacac	cttcagagtg	aagaggccac	atctcaggcg	ctctgccagc		180
aacgggcatg	tccctgggac	tcctgtctac	agagaaaaag	aagatatgta	tgacgagatt		240
attgagttaa	agaagtcatt	gcacgtgcag	aagagcgacg	tggacctgat	gagaacgaag		300
ctccggcgcc	tggaggagga	aaacagcagg	aaggaccggc	agatagagca	gctcctggat		360
cccagccgcg	gcacggattt	tgttcggact	ctggcagaga	aaaggcccga	tgccagtttg		420
gtcattaacg	ggctgaagca	gaggatcctg	aagctggaac	agcagtgcaa	ggagaaggac		480
ggcaccatca	gcaaactcca	gaccgatatg	aagactacca	acctggaaga	gatgcggtac		540
gcccatggaga	catactacga	ggagggtgat	cgtctccaga	ccctcttggc	aagttctgaa		600
accaccggaa	agaagccctt	gggggagaag	aagacggggc	ccaaaaggca	gaagaagatg		660
ggcagtggcc	tcctgagctt	gtcccggagt	gtccaggagc	tcacggaaga	gaaccagagc		720

ctgaaggagg	acctggaccg	cgtgctgagc	acctcccca	ccatctccaa	gacacagggt	780
tatgtggagt	ggagcaagcc	ccggctgctg	aggcgcttg	tggagctgga	gaagaaacta	840
agtgtgatgg	agagctcaaa	atcacacgcc	gcagagccag	tcagatcaca	cccgccagcc	900
tgccttgcat	ccagctctgc	gctgcacaga	cagccacgag	gggaccgcaa	caaggaccac	960
gagcgtctcc	gaggggctgt	gagagacctg	aaggaagagc	ggaccgcgct	gcaggagcag	1020
ctgctgcaga	gagattttgga	ggtgaagcag	ctcctgcagg	cgaaggccga	cctggagaag	1080
gagctggagt	gcgcgaggga	gggcgaggag	gagaggagag	agcgagagga	ggttttgaga	1140
gaggagattc	agacacttac	cagcaagctc	caagaattgc	aagaaatgaa	gaaagaagag	1200
aaagaggatt	gcccgaagt	tcctcataag	gcccagagc	tcccagctcc	cactcccagc	1260
agcaggcact	gcgagcaaga	ctggccgccc	gattccagcg	aggaggggct	cccgcggccc	1320
cgtcccccct	gctctgatgg	gagaagagac	gcccgcggcca	gagtcctgca	ggcccagtgg	1380
aaggtgtaca	agcacaagaa	aaaaaaggct	gttcttgatg	aggcggctgt	ggtgcttcag	1440
gcagctttca	ggggacatct	cacgcggaca	aagctcttag	caagcaaagc	acatggctca	1500
gagccaccca	gcgtgccagg	cctcccagac	cagagctctc	ctgtgccccg	cgttccgagc	1560
cccatcgccc	aggccacggg	cagccctgtg	caggaggagg	ccatcgtcac	catccagctc	1620
gctctgcggg	cacacctggc	ccgggccagg	cacagtgtca	ccggtaaaag	aaccaccacc	1680
gcagcttcta	ccaggaggag	atcggtctca	gccacacacg	gggacgcctc	ctccccaccc	1740
ttcctcgag	ctcttcctga	cccctctccc	tcagggccac	aggccgtggc	acctctacct	1800
ggggatgacg	tcaactccga	tgattccgac	gatattgtca	ttgcaccgtc	tctgcccacg	1860
aagaactttc	cagtttaggt	ccccgtcact	gtctccacgc	tgtgatggca	gcgctgccga	1920
ggacatagga	accacgactg	gaaagataat	ttatcggtgt	aggagaagaa	cgatgatacc	1980
tacttaacac	ctcagcatct	gcgtggtgtc	tctttgtgct	ttgtttgtgt	gaaggagacc	2040
caaatgcctt	tactttattc	tctggggagg	gccagcggct	cgcatcccc	tcatctccag	2100
ctgcagctcg	gatggtggat	tttcagtggc	aacagacaca	tctgccgtga	actcgcagat	2160
gccaggggagc	cctgtagtga	cacgttctct	gacagcacct	tgccgcctgc	ccacgacctt	2220
gaccgtgagg	agctgctata	cgcaaccagc	gccgacacca	tgccccctct	tcctggtgac	2280
accctcaaca	accaggattt	gctcgatctc	agcccagcag	gccaggcaga	cacaccccgc	2340
tgtgccttag	gaaggtgtga	gaccggcttc	ccccatcccc	acagcaaaac	acggcctgtc	2400
ccaagccagt	gaggagctaa	agacacccag	gtccccaaat	gatcttactc	catgccccac	2460
ccgctcacac	cgctcctttc	cgtaacccct	gctatcccc	ggagcactgc	cctccagagc	2520
tgcccttccc	aggaaggaat	ttggttggat	tctgtcactg	tggagaccaa	gattttttaa	2580
aattcccaat	tacaaaagca	gcatcacact	tgcttctgag	aacagcaggg	tgatgtctgt	2640
tcccaagctg	gtggcgggag	ccttagcctg	tgtggggcca	cccgggggag	aggaggagag	2700
gagggtgagg	aggcaggctc	gccgttccaa	gggacagcat	aggctcgtgg	tggggcgtgt	2760
tgcatctggt	gtctgggaca	gtccccgtca	ccccatgtgt	gcggcctctg	cactcccaag	2820
ctccatggct	gggctgggct	gggctgggct	gggctgggcc	gggcgtgcgg	agcctgtgga	2880
gccagcagct	gcagaggcct	aggaggaggt	tcctggggga	agcgcacagt	gtccagtgcc	2940
catctcttgc	ttgtgtgtga	gattagccct	tgctggggcg	tcaagaggaa	gagccttaga	3000
cctgggcggg	ccttcagggg	catctagacc	cctgcacagc	ccaggcctgg	tgtctgcatt	3060
tccacagcac	ccctgtgggg	actcctgccg	gggctggccg	ctgtctcagg	agagacccaa	3120
tggttagaaa	gccccctttt	acacagctga	cagcttctcc	caaggcttcc	gtccacgggg	3180
acaggcttaa	cccctgggcg	ccttttctgc	agcatggcgg	ccttctgagt	cacctaaagt	3240
gagcctgggt	cattctctgt	ggcggtcaga	aggccgatgg	ccccaacaca	gtggcttgtg	3300
aaagggagag	aggaggctct	gcatgtccac	ctgctctatg	ggaggaggac	acagggtgcc	3360
ccagcccgac	ctgttctctc	ccagtcactc	agggatgggg	ccacccaaag	tgcaggaccc	3420
gccccaccct	gcggttcgaa	gcctggcccc	tgtctccact	tagcttctgt	ttctgcagtg	3480
ggtggaagcg	agtcagcggg	gggcctggct	tgtgtacgtg	ttttccttat	ttggtctgtg	3540
ggttgccaag	tccatttttt	tttccactga	actggctggt	aacttgatgg	actgtgtaac	3600
tgacacaggc	cctcttttaga	cccctgcctt	cacccacccc	gcccgggtcc	actcctggg	3660
gcgctgtccc	aagccatccc	tgtttgccag	ctcaaagctt	caggtcctag	gagccagtcc	3720
acctcgaaaag	ccctgagaaa	gtgagacacc	tgacattctg	ctgggggaga	ccctccgttc	3780
tcttgaggca	gctgctccca	cttggttaaac	caagctgttt	ctgcgggacg	tgctcactct	3840
tgggaaccag	tggcctagag	ctttgggtta	caggcatgga	gagggccttc	ctgcctcagg	3900
cttgagggcc	aatgttccat	acataaaccc	ccatgtcctc	tgggtgcagct	gggctgctct	3960
tttaaaagcc	agcatccatc	ttgaagctcg	ctgggtaaat	ggcaatgcat	tctcaagcca	4020
gtgtcttcag	ctgatgccca	gtgtccagtg	ctggtcacca	gtcccccttg	ctgggtacag	4080
cctgcctggc	tgttctgtgg	tcctggaacg	ctgcagtgtg	gttttgttcc	atggagacag	4140

taccaagcgg	agaggcctcc	ttgcccacgg	ccccagggcc	tgggggccag	gggttctggc	4200
cctgcgggga	cttaggcagg	aggggaagag	aagcccatgg	agccatggga	ggggtgagct	4260
gtgggcgggg	cctagtcacg	ggaggggtga	gctgtgggcg	gggcgagctg	tgggtggggc	4320
ctagccatgg	gagaggtgag	ctgtgaatgg	ggctagctat	gggtgggggtg	agctgtggac	4380
agggcctagc	catgggaaag	gtgagctgtg	ggcggggcct	agtcacggga	gaggtgagct	4440
gtgggcgggg	cctagtcacg	ggaggggtga	gctgtggatg	gggcctagcc	atgggagggg	4500
tgagctgtga	gtggggctga	gccatgggag	cagcaagctg	gtggagtggg	ctgggcggag	4560
ctgtgggggc	tgctggcagg	gcctaggaaa	gtagacaact	cccgggggag	acgaagtaga	4620
gagtgagtc	ccaagaaagg	gactcctgcc	ccagcgtcaa	gtgccaaagc	aggcccatc	4680
taccacttca	gggtcgacgt	tggtggcagg	tggtgttcac	ggtgtactga	ttgtcactgc	4740
aacacctcca	catcaccttg	aacttcaaga	acagcagcaa	agctgtatct	gctatcagag	4800
gctgttaggt	agtccagctt	taaaataaca	cactctttct	ctatcccatg	ccctttaaac	4860
aagcagccac	aggagatgtc	agtctccagg	gcctggcccc	actgtgttga	cagcagtcac	4920
gtctgttgag	ctgacactgc	tgaggctgaa	gctggccctg	tgagggtggc	tggtgagcca	4980
caggtgcagt	acccggaggt	gtgctctccc	ctagaggcct	gtccccaaact	cctcccctag	5040
aggcctattc	ccgtgtctca	cagacctcag	cagaggcacc	agctggaggg	ctccagggac	5100
atccttggaa	atacaggagg	ctttcctggc	acagggcaca	gctcttagga	ggcctttgta	5160
ggacgctgtc	tccccagcgt	gtcctgtctc	tccaggatgg	ggagaaagag	gaggaggccc	5220
caggctcaga	agccaggggc	agactgccga	cgattaccaa	actgaatcca	ggcagtgcca	5280
tgaccctggg	tgtcccttgg	ttcacatcac	ccaccagaca	gctgcggaga	gagtgagggg	5340
aggggctggg	accaaacagg	ccagaaacca	gcagaaaaga	ggcagaagtg	aggtgggtgt	5400
gcctggggca	cgaagccagc	gccgggggga	tttcagtggg	gccttacagc	caggctccgt	5460
gcggactgtg	atgccagaga	ggcgtgcagc	ctctgggcaa	gtcgggagag	ggcttggtgt	5520
gtccccacaa	ggcagaagag	gtggaagggc	cagagaagac	caccaagacc	accgttcccg	5580
caggcctggg	gtgagtgacc	tgactgagac	tagcgggcag	agccaagcag	ggctaaactc	5640
caaccagagg	cccgtgtttg	gacaaagtag	ctttttcttt	gctcgtttgt	ctgtgtatta	5700
agaagagact	aaaatagcca	aacgacgctg	gtcgcgatgcg	ctggctgtgg	tctgtctgct	5760
gaatgtctat	ttttgtctcc	tgacgagacg	tgaggaccat	gcccttgatc	cctccgatgg	5820
accagaaacc	cccttccttg	caaaaaaaag	gcaattgaat	taggaaaaga	tagaccaacc	5880
tagctcagat	ccaccaagat	aagcacagca	aagcttggct	gcatttttga	ggaataaaaa	5940
cctgcagaaa	gcaccgataa	ccttcaagat	ctgaatgaga	ttctattata	accogtctaa	6000
accgattgca	aaattcctcc	tttggttttg	gaaaacaacg	ttgcttctcc	cgtggctcgg	6060
attctctgag	gaccagggag	ttgacacaca	aaccccgcca	tgggtccgag	ccagctattt	6120
ctcaaggctc	ccacctcgcc	aagctcccaa	gggcctgctg	gcagtgccta	cgctgtgcca	6180
actaccctgt	ctggtacaga	ccacggctgg	gtaagcacc	ttaaaagcaa	cagaaatgac	6240
gtctggaagc	tgaaatgtga	aactgtcaag	atggcttaag	gagagggaag	agtggacccc	6300
ctggctcttg	gcatttttga	tttagaatta	ttctaacttt	atacataatg	tataggccga	6360
tcttttgtaa	gggataaggt	tttcattctt	gtgcaactca	ttattctcat	tattggcctt	6420
ttaaataaaa	agttgttttg	cagtgtgcct	tgagtgcccc	gtgaaaactt	ctctttaatg	6480
acctccaggt	gtgttcctgc	cccacgcact	cgggctgaac	aaacgatccg	cttcaaaaac	6540
cccgtctctc	tgggcttctg	gcatttttgc	gtggtcgtaa	tgagggtctg	gggttgagga	6600
gccagctgga	gggacgggtc	ccgccgccag	ctccctgcca	cgcatgaact	cggatacatc	6660
tgttgacacc	ccggtccccc	gtcaaataatc	tattccctct	gcctgttgag	tatgggtgta	6720
tccacggttc	cgtccccaac	ac				6742

<210> 7262
 <211> 1057
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1058)

09400725-04100

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (260)...(501)

<223> similar to gi1916010 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7262

ggcggatggg	gaaacaattg	agattgaggg	aggcaggcag	agcggagcga	aaacaggagg	60
acagaaatag	cgaagcaagg	ccaagatcgg	gacccccacc	agggaggtgc	ccagtacaga	120
catgaaaagta	aggcgggaaa	gcagctcaag	cctcaccac	cgccctgccc	ccagccccgc	180
cactcccagg	ctcctcggga	ctcggcgggt	cctcctggga	gtctcggagg	ggaccggctg	240
tgcagacgcc	atggagttgg	tgctggtctt	cctctgcagc	ctgctggccc	ccatggtcct	300
ggccagtgca	gctgaaaagg	agaaggaaat	ggaccctttt	cattatgatt	accagaccct	360
gaggattggg	ggactggtgt	tcgctgtggt	cctcttctcg	gttgggatcc	tccttatcct	420
aagtcgcagg	tgcaagtgca	gtttcaatca	gaagccccgg	gccccaggag	atgaggaagc	480
ccagggtggag	aacctcatca	ccgccaatgc	aacagagccc	cagaaagcag	agaactgaag	540
tgcagccatc	aggtggaagc	ctctggaacc	tgaggcggct	gcttgaacct	ttggatgcaa	600
atgtcgaatgc	ttaagaaaac	cggccacttc	agcaacagcc	ctttccccag	gagaagccaa	660
gaacttgtgt	gtccccacc	ctatcccctc	taacaccatt	cctccacctg	atgatgcaac	720
taacacttgc	ctccccactg	cagcctgcgg	tcctgcccac	ctcccgtgat	gtgtgtgtgt	780
gtgtgtgtgt	gtgtgactgt	gtgtgtttgc	taactgtggt	ctttgtggct	acttgtttgt	840
ggatggtatt	gtgtttgtta	gtgaactgtg	gactcgcttt	cccaggcagg	ggctgagcca	900
catggccatc	tgctcctccc	tgcccctgtg	ggccctccat	caccttctgc	tcctaggagg	960
ctgctttggt	gcccgagaac	cagccccctc	ccntgatttt	aggggatggc	gtaggggtaa	1020
ggagcaaggg	gcagtggtn	tcaagtngtt	ttnggtt			1057

<210> 7263

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1022)...(402)

<223> similar to gi29505 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7263

ttttttgatt	ttaaattctt	aatcaaattc	caaaggttat	cagccatatt	acatgccatg	60
attagctttc	tataagcaat	tttttttact	gtgtacagat	cggtgtcaat	gaaataaaaa	120
aataaaactg	tatactaggc	aaagaacttt	attaattctt	gtttcaaact	tgattcccag	180
gcttcttcgg	cttaattagc	tgcaaagaat	gaattgtgta	taagcaaaaa	ctgaaaagag	240
ctgcagtgtc	caaggggctt	gggcttaaaa	atattagaga	tctagatttt	atcagatcca	300
taaacaaaaa	tttcttaaaa	agcagtcata	atataaaata	gcagctccca	gctcccagta	360
acttcttcag	gttttatctt	cagaagttga	ctcaattcag	tttgccctcat	tcttgggaagc	420

ctcatcaaaa	ttctccacaa	gatctggaac	ttcatcatca	tcacccctctc	cagtagcaag	480
tggtgctttt	ccatccacag	attgtttggg	cagagcttcg	gccagtctcc	ttaaactagt	540
cagactatcc	gcaccaagct	ggtttaagat	gctgggtagc	atctctgtca	gctgctttgt	600
ctcagcatgg	cctgtaatgg	tgaaagtgtt	cgctgccaga	gatgcctgaa	ctttagggtt	660
gttaaagtgg	atcactgttc	cttggtttgt	aaacatattc	acctcttcaa	taccagagat	720
attgtttacc	cctaacttct	ttaaggagaa	ctgaagtttt	ttgtcatctg	ctgtggctgt	780
tctatgaacc	accttcttct	ttctgcgagc	agttcctttc	ccaccaatgc	gcacttgtgc	840
ctgcagtttg	gcgagttttt	cctggttcat	gattgtttct	ttcatctgag	gctcctgtcc	900
tcgggttccg	ccgcgaggtg	gaggttgaga	cagcgtcgcc	tcgccccag	ggcagccgcc	960
cctggctcga	cctcgcctcc	gagagtcagc	ctgagcgggt	gcgcctgtcc	gtcgcacgcg	1020
cttccttctc	ctcctctgcc	ctgtccctcc	ctgtctcgct	ccttcaggga	acttcccgcc	1080
cccgtccccg	tcctcctacc	acgccgccgt	ccagagcctt	tttgtacctt	gtcggagcga	1140
ataaggggcc	g					1151

<210> 7264
 <211> 1071
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1046)...(527)
 <223> similar to gi454248 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7264	
tttttttttt	ttcaaaactga gaaagggtttt actttttaaga caaaacaaat agcattaaca 60
cacatccaaa	tgccagtgcg ggaggttcaact ggggtttataa aagagaaaaac taaactcaag 120
tgtcaaataa	aaactggagc cgtcaagaat gactgcttgt ggcaacacag gtgtaacatg 180
tgcttgtcta	aagtcgttct gtgtttgtgg atatgtggaa atgcatgacg agggaaacga 240
tgcaaggcaa	aatggcaggt gctcaaagct ttaagatcct tttcttcacg cttgtgtgct 300
cttggtttgc	ttttgagaat tagggtaatt cgcaggtcac tttacaaaga actgtaatat 360
caaagaacac	ttccaaacgg ctaaaatagg ctcaagggtca ctattaaagt gataaaggga 420
ggtccgtggg	ggaaaagttt gtgttctcaa aagccagatt tcacaccatg gcaggcacta 480
aatctagtta	catgtgcttg cagtagaaaa agaagacact gatcttaata gaggctggtc 540
tttttcatga	tgcgcaggaa ctcttgctca ctgacctctc catctccatc tcgatcagct 600
tcatcaatca	tttcctgcag ctccctcatca gtcagggttct caccacactc cttggccacg 660
cgtttcagat	ttttgaacga aatcttccca gtttcatcat catcaaagag cttgaaaagct 720
ttcaggatgt	cttcttttagt atctttctca gacattttct gggatcatcac agttaaaaag 780
tcaccaaaag	tcatttttcc tgtcccttcc ttatcaattt cacttatcat tttcttaatt 840
tcttctttct	tgggttcaaa gccaggggcc ctcatgcca ccttcagttc tttaacatct 900
atgggtgccg	ttccatccgc atcgaaaaga tcaaaaagctt cccggatctc ctgcttttgc 960
tcttcagtaa	gctcaggctt agggctcatt ctttttcgct gagaacttga tgccatgttt 1020
gccttcttaa	agttggaggc catagccaaa ggagtccgct gctcggttgt t 1071

<210> 7265

<211> 2118
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2078)...(1745)
 <223> similar to gi5262653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7265

gctcgacttt	tttttttttt	taacaaaact	aagatggaca	tttcacacaa	cgagagagcta	60
cgagaacatc	tcttatgctc	cttgccatgg	gattttaatg	ccccaaagggt	cataactaca	120
gcaaagaaag	taagtcaaaa	ataaactgag	cttaaagaag	gtggcaggcc	aattttccca	180
aaaagactgt	ggactgtggg	ctgctgtgta	gcctttgcta	cgaggctgag	gaagcagaag	240
aaagatgaat	tgggcaattg	gtgatgaaaa	gtatttgcca	ttttcaaagg	cttctcagtg	300
tggccataga	ttttgctagt	caatttttaa	aaaattatat	ttttagctca	acacacagct	360
ctaaagcagg	gttcagtgta	gtgtgttctc	taccgaaatg	gttatataca	gatggtatgg	420
aaatggtttt	aaagattact	cataaactat	ccttttaaag	aaaaactaga	ctcggtcata	480
tttgttaaaa	tgagcaatgt	caccaaacag	aaatgtaggt	gggaaatact	gaaccacaaa	540
catttgagg	tgaggcata	gactagcaga	gcatgaacag	tcatcactgt	ttttataata	600
ctgaaacact	caaactctgt	tctgagggtt	aaaacacaga	gctatattat	attcataaac	660
ttccccctcc	acttaagtta	tatttgccta	acacataatg	gacaaatcaa	tagagccaaa	720
gcaaatttgc	aaaaggctca	ggtcaacatg	aaaattttta	ccttagtatt	aggaaactct	780
tagaatactt	acaaattaaa	aaaacacaca	ataaaacaca	catacacata	taaaccagtg	840
caataagaac	tttagacaag	ggcagtgcat	ctctggttta	agaaaaccta	tttgtagctt	900
gattataata	aattaactct	attctagatg	atggtttaat	tttacaagca	gcatttgaaa	960
cacattgtat	atgtatgctc	aaaacctgaa	aaccaattca	ccagtaacaa	ttctcaatca	1020
gtaacaaatt	cctactttta	ttgtatatgt	cacatacttt	tagtgtctac	gttaaataaa	1080
atttaactct	tcttaatgta	aatatcggag	gaccatacct	gttgoccttg	tagaaataat	1140
ttaccttgaa	taacagatgt	tcctttcttg	acaaacaaga	atgagaatag	atttcagctt	1200
cgttagtcca	aaactatttt	aaagaaaatg	gctattttat	gtggcgaaga	cactggaaat	1260
ggattgttaa	acacaaaatc	cttggtttat	ccattgttgc	cattttgaaa	aacatttcta	1320
tggtcagagt	gtttaaaagt	ctgacctttt	ttttaaacca	ccaaatagtc	cctagagaga	1380
ttagctgtct	ccttgactgc	tctagaatgc	tgcttgagga	gtggacacag	agaaaaagct	1440
ttggataaaa	tggcatgaaa	cacaaatggc	attaaatagg	tcatctattt	cacgtaaaaa	1500
taaaatgact	agcacctcct	tccggctccc	aaagtgcacg	gccctaacag	gccacatgaa	1560
acatggttta	tgatagtaag	tttcattatt	catacagtat	tgagaaatcc	attacattag	1620
gggggtccca	catctaaagc	cttcacttca	aggctaccgt	gtaaaagtga	actgaagggc	1680
acaaggagag	aacggcggac	acaggcccaa	gaaggctcct	gcgaaggggtg	cgaggagacc	1740
tttcagggac	tctcctgcat	cccgtcctct	gtttccagtt	ctgccaaactg	ccttcgaagg	1800
atattgactt	ttgcttgtaa	ttctttatta	tattcaatga	tgtaaaccat	ttcttcatat	1860
gcttcatcca	aatacttaga	ggatctattc	caacgtagga	aaataccttc	ccacagtgga	1920
agactctgcg	gagcaactga	aggccagatg	acaaggttgt	tggcttcaaa	gaggggattg	1980
gtgaatttac	tcagctcact	gggctgatta	acccaggacc	acaaagacat	cgtcttctgc	2040
tgtagcttca	acttacatct	ttcactttca	ttgttgccca	gaaatgttcc	aaactgtgag	2100
gcataagcat	gctcaaaag					2118

<210> 7266
 <211> 6703

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (213)...(1465)
<223> similar to gi2662087 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7266

```

attgattcta attagcacat tttgtgcctc agctagtagc tccccgttaa gctctgcctg      60
gagagttttt ttttagattc catcctgctc ataaacactg ccacctcctc cctccttctc     120
tctttacaaa tgttacaaaca caatcagaaa tttcctcttt tctttccttc ctgcattttc     180
agcaggttcc cttgcgtcag aagcccagga ggaaaactca aggtttttctc acgatgagtc     240
ggaggaggat atcgtgtaaa gatctgggcc atgctgactg ccaaggggtgg ctgtataaga     300
aaaaggaaaa gggaagtttc ctaagcaaca aatggaaaaa gttctgggtg atactgaagg     360
ggtcgtcact gtactggtat agcaatcaaa tggcagagaa agctgatgga tttgtcaacc     420
tgcttgattt cactgtggaa agagcatctg aatgcaagaa aaagcatgct ttttaagatca     480
gccatccaca gatcaagacc ttttattttg cagctgagaa tgtgcaggaa atgaacgtgt     540
ggttaaataa acttggtatcg gctgtaatcc atcaggaatc cactacaaag gatgaagaat     600
gttacagtga aagtgaacag gaagatccag aaatagctgc ggagacacca cccctcctc     660
acgcttccca gactcagtct ttgactgcac agcaggcatc ttcacctca cccagcctga     720
gtggaacgtc gtattctttc tcttccttgg aaaatacagt gaagacaccc agcagttttc     780
cttcctcctt atctaaagag agacaatcct tgcttgacac agttaacagt ttgtctgctg     840
ctgaagatga gggacaacca ataacgtttg ctgtgcaagt tcattcacct gtaccctcag     900
aggcaggcat ccacaaggcc ctggaaaaca gttttgtcac atcagaaaagt ggatttttga     960
actctttatc tagtgatgat acttcttcat tgagtagcaa tcatgaccat cttactgtcc    1020
cagataagcc tgctggatca aagatcatgg acaaagaaga gacaaaagtg tctgaagatg    1080
atgaaatgga gaagctgtac aaatcattag agcaagctag tctatctcct cttggggacc    1140
gacgaccttc gactaaaag gagttgagaa aatcctttgt taagcgggtg aaaaatccat    1200
ctataaacga gaaactccac aaaatccgaa cattgaatag cacattaaag tgtaaagaac    1260
atgatctggc catgattaac cagttgctgg atgacccgaa gctgacagcc aggaaataca    1320
gagagtggaa agtcatgaac accctgctga tccaggacat ctatcagcag cagcgggctt    1380
cgcctgcccc tgatgacact gatgacaccc cccaggaaact caagaaatca ccttcttctc    1440
cctctgttga aaattccatt tgagacaaag tcagggtttt ctctctttat attttatcac    1500
aagcaactct tcaagatgtt gcaaaagctt acatttttcc ttaaaaggaa aactgaaacc    1560
cagtccttca agcatcagct tcccatctaa agatgcacgt tagatgaaga taatcaccga    1620
atacaccagg gctcctcatt tcagtcgtaa cgcattccatt gagattggaa tgattgagtt    1680
cagttgaaag gcgttttttg tgttcctact gggagctcac ggtgatgtgg ggctctaggg    1740
gggatgtgag aaatgtctct tctgttcatt gctctccaga gaatgctatg gacaagaatc    1800
aaattttacc aggagtaatt gcccatggaa acattctgtt tttcaaaaga agaatgtaca    1860
tattccactt gactgggaag ctgtgtggcc caaatcactg tttgagtggg ggaatgtttt    1920
ctagagcagt gactggaagg acaaacgtgg tgttgcagaa caaaaattcc ttgccttttg    1980
tatggaatgg tgggtgccttt tccatgtgat gagaaatgct tcatagacag tggcatgtgg    2040
gagagctgaa ggaggaggcg tgttccatat tccactcatt caaaggacag cttggtgttt    2100
tcacacttta tgcaggttag gggatctgat taatgtttcc tttccttaca acagctagag    2160
aaaacatctc atcacaattg gagacctcta ctctctttga gctttcctac tcaatggtag    2220
gagataggaa tatgttccgc aaagaatgtc tactgtctct gtccttggct gtgatcccta    2280
tacatagtgt gaatttatat ccaggtttcc caggatcaat attgacaaga cgactttggc    2340
atctgaattg ttttaatatc tttactcaaa aaaacaaaaa aacaaaaacc catggaagca    2400
acaaaagagt taaacatgag ggatttatat ttgtatgttt atatgtcact tgtgtgctat    2460
gtgaatagct atgtttgtta tttaaatata tttatagaag ttcaaattac tagtgtttaa    2520
aagatgatat actattatat attgtgctta gtatatattt gatgagtcta tactttttgc    2580
ttgagaaaaa tagaaatact attgattcac tgggtgttat atgttgact gtgtctgagg    2640

```

094823E.042100

aatgctcagg	aaatcttgtg	ggaaaaaat	ggggcatgca	ttcataat	ttcattttct	2700
tccccacccc	aacccccatg	agctcttaaa	tttagatttc	tatctcttgt	aagtcactct	2760
tttaaccagc	aaaggacttt	catcttagat	tatcctttct	attaaataaa	ctttaagctt	2820
tgtgccattt	atgcctgcaa	accttagacc	aaaggcaaca	caactaatgt	catcttttca	2880
ttaaagacta	atagaaaattt	agaaatcatt	gtgttaaaga	gagctataga	gaaacaatat	2940
gaaagtcttc	ccttactaat	caccatgaat	atttctcacc	ataggaataa	ccacaaccca	3000
ccaagtaccc	atgttgcccc	tgccatcccc	taacaaattg	ttcacacaa	ctattttgtt	3060
ttatagcttc	aaagtgtggc	ttgacattca	aatggaagga	accacctgaa	ttatatctgc	3120
aaacaaaatg	gaaatagttg	ttgaatagtt	ccccaaagctt	tactaagaag	ccttaataact	3180
ctgtaaaca	acaaacaaac	aaaaaacaac	cttagcatta	agaaataaaa	acaaaaaaca	3240
agaagcaagt	tgtactgcta	gaaacttctc	taagataaga	ggccaggcca	gtcagtttgg	3300
cccagcaaac	atgtgggtac	ttctccacct	agggaagcca	ctgaagatga	gtttgacctg	3360
tggtgacctg	acagagagaa	cattcagatc	ctcagattgc	accctgatgc	cctggtttag	3420
gaaagcagtg	ctttaacctt	ttgcccctgg	aaattactga	ttctttctgt	gattagcaga	3480
taccagaagg	gaaattat	aggattggca	atgtaaagag	tattgaagga	acaacaaata	3540
acaatagcag	aaataacagt	gtgacataaa	gtgcccttcc	acctattttt	ctttgggtttg	3600
caacaccagc	ctgtagactt	ccagtttttc	ttaaattgaa	gagctccaga	cacttttgag	3660
cagggtttgt	gaatagcttt	gaatgctttc	ctttggcttt	tcgtgaagac	atatttcccc	3720
agcctttcaa	ctgtaaactc	cttttagtacc	attgaaactt	aaggcaaaaa	agatccctgg	3780
gattacttag	ccaaggctta	aatttat	tcaaagtcaa	gaacattagc	ctagaagt	3840
ttgctttgct	agttaaagct	tactttgcag	agcttcccaa	agtgaagg	aaactgaact	3900
tcacaatttt	gcacctggct	ttctggagcc	ccattgcctg	ctcattcgtg	tttttcccc	3960
tgtaaattat	tttgcttttg	accaggttgt	gctagaaagt	agggtgctt	ctgtgagttc	4020
tcagcctagg	ctgtggccac	taagacgtgg	gtggggggat	agacaggagt	gagagggaga	4080
gtgggtgaca	ctttccgtga	cacttaatgt	agggaagacat	gggcttctct	ctcttggcct	4140
caagccactt	ttctggtcca	agaatattg	ggaaaactgg	attactttca	gtatat	4200
tgagaccggg	tcatctctga	aatgcatttg	gggtagtttc	ctgggggtcc	aagggccaat	4260
tcctataccc	agtccctggca	gtgtctgtga	gctgtgggaa	tgagagagaa	aacctatggc	4320
ttgcttcagg	gaagggaagt	gggagaatct	cttcagcaca	cgtagatccc	aaatctgtgg	4380
gcacctgcta	aagattagga	tttgagagag	actcctcttt	ggggttgtga	agaggacctt	4440
ttccctctgt	tgttagcctg	tagatccaga	acggagcctg	atgtgatgcc	ttcactgggt	4500
gatatatattg	aaatagacac	tctgagccct	gcattgcaag	ggcgtctttt	gctttaaaga	4560
attcttagtt	ttgccacaac	agctcaaatc	tcagaatagg	atcaaaggcc	tagaaagact	4620
cctaaagtat	aggattacaa	agactccagg	aagcgtaaga	aagagattgt	gtttggagtc	4680
agatttcaat	gtgaaaccca	tgccctacat	ttacacagca	ctttgtagtt	tgcaaat	4740
tgtgttttca	gccccctccc	gctgccccat	gctctgagat	gattgtggat	tattacagt	4800
aagtgcctgg	cccggagccc	ccagtgatga	agcaggaact	tgagtctcag	gactccagc	4860
ggctctctgc	ccattttctc	ctctccgccc	cccacctgcg	ttcacctgtt	accttgtgaa	4920
gttgctgttg	gcacatagcc	cactaggaaa	ccaagaagtt	tgactgggag	cgtgtgtttc	4980
attgcactgg	gcttagcata	cggctggccc	tggtggctgt	ttgggcctaa	attcccccat	5040
ttgaaacctt	aaagggcccc	tcctccgtgc	ttgagcacag	tctccctccc	tagtggccct	5100
gcctcaacct	gctggcgggc	tgtctatgga	ttgggggttc	acctaatacat	gctgtgtttc	5160
ctttcttttc	tttctgtaca	ttagactact	tgggaggtgc	tgtgtgatcc	ttggatgaaa	5220
aacatatatt	taaagaaatg	gagagtgttt	at	tttttgagg	catgtgctgt	5280
caaagttag	agaccaaact	tagtgattag	aggttggctc	tttgaccttc	ttctctta	5340
tgcttttcat	gtaatcatga	taatttactc	aggtagcact	ccagtcacaa	acaatgtcac	5400
agagatgaaa	cagattcaaa	gaaaaaatat	ttttaagctc	tttgaaaaga	agtgtctattc	5460
aaatttaaga	catgtttaaa	ttcataggta	cattatctct	tagtaagaaa	tactttttt	5520
tttctttttt	taaacagagt	cttgctctgt	tgccaggct	ggagtgcagt	ggcacgattt	5580
tagctcactg	caacctctgc	ctccctgggt	gaagtgat	tcctgcctca	gcctcccgag	5640
tagctgggac	tacccccggc	taatttttat	at	gagaccgggg	tttaccatgt	5700
tgcccaggct	ggtttcaaac	tcctgacctc	aggggatctg	cctgcctctg	cctcccaaag	5760
ggctgggatt	acagggggga	gccaccacac	ctggccgaaa	gacagtattt	tgatatagcc	5820
acatacatga	tttaatgagt	aatgttaagt	acagaaaagc	tgccatatcc	acatagt	5880
agggggcatt	tcttcttcag	tctaacaaga	atatggatat	ccaattgtgg	ttttccaatt	5940
tatttctctt	ccaatttctt	ttgtatacct	cacaggagaa	attgaatcct	aaaactggga	6000
gatgactgcc	ctgcccaggg	ttttgtaata	cataattgaa	aataaaagtc	cctgaaacta	6060

caacaaataa	ggcaaggcac	atagcagggg	aacccattct	tgataacaac	gcagtgaatc	1080
tgttttcttc	tgttcttatt	gccctcttgc	tcccaactgc	tgcttggggt	ttttggccca	1140
gggggtgaac	tttatttcat	ttccacaggt	tgaaactggg	gagtccagct	aaatttgcaa	1200
ttccaacttt	catcctaaga	ataataactg	taatggcaaa	gcggaaatgc	cagttcctcc	1260
tgtattccat	tgagatggga	tttcacattt	tcctctcatc	aactcccctg	taatagctag	1320
cgtctttcta	gtgaaagaga	agaattccta	gaacttatgc	atTTTTTTcc	tgctgaatgg	1380
aagtcttgag	caatgaagct	atattgtccc	tacatattac	tatatattga	actgaaagtt	1440
cttacataat	caatgtcaag	ttttgtctta	ttttgttttg	tttgtttaaa	ccagtgtagg	1500
aaataaaaag	gatgatat	aaaatagttc	tcagttgaag	cagagaaatg	ccactgtgct	1560
agttgccc	atgttgtatc	tattttaaat	agtttaagct	gatgtgtatg	ggagcctaaa	1620
caagtgtagt	atcctgaact	tctcccatta	attgctattc	acaattggga	aaagtgtgga	1680
gattgggttc	tagtgagttt	tgtggcctac	tccacatttg	ttcttccttc	ctcagggtta	1740
gtgatgaaaa	aaagtaaaata	tctttttcat	atgtccatta	gaatgtatga	aaaaaatcat	1800
tttaactaaa	agcaaaaagaa	ttttatctta	tatctaaaaa	atatataact	tactatatgt	1860
ttcagttgct	ctctgaacaa	aaattatctt	caatttaata	tgtggaatgt	gttttctagc	1920
tttctttgaa	ttatgtatgg	caacctgggt	tagcactggc	atcctgaaca	gttaagagtc	1980
actgggaaat	tattgtattt	ctttataaat	ttactgtcat	atcaattgct	ggaaaatgct	2040
atgatttttc	tattattacc	ttctaagttg	tattctctct	tacactgtag	cctcaactaa	2100
ggcaattctg	ctatgtttgt	tcttcactat	gattttactgt	gtgccaaagg	agttttgaca	2160
gggtacagag	tattttacta	aaagtatttt	taaatgtttc	tcatgtgatt	tctgtacctt	2220
cttcctcctg	ccccttttgc	ttttttaaag	aaactgggga	aggatttatg	aatacaccac	2280
caccagagtg	gataatgctt	agaattcttt	attgggtggc	ctactatggg	gatgatctag	2340
aactgactta	cttcaggaca	gaagaaaaaa	caatcacacc	cttaaccttt	aagccagtta	2400
gatcaggggg	ttgcaacaat	tgggttaaac	tttgggtata	cattggaagc	accagggcat	2460
gtttgctttt	tttgtttatg	tgtttgtttt	ttgagacaga	gtctcacact	gtggcccagg	2520
ctggactcca	gcacagtggc	atgatctcag	ctccgcctcc	tgggttcacg	tgattctcat	2580
gcctcagcct	cccgggtggc	tgggatcaca	ggcgtgcacc	atcacgccc	gctaattttt	2640
gtattttcag	ttcgagacca	gcctggccaa	cgtggtgaaa	caccgtctct	actaaaaata	2700
caaaaaatta	ggtgtggtgg	tgcgtgcctg	tattcccggc	cactcgggag	gctgaggcag	2760
gggaatcgct	ggaacctggg	atgtggaggt	tgcagtgagc	caagattgca	ccactgtact	2820
ccagcctggg	caacagaggg	agaccccatc	tagactccat	ctcaaaaaaa	aaagaacacc	2880
aagcgagaga	agcag					2895

<210> 7269

<211> 2469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (269)...(1127)

<223> similar to gi726136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7269

cgacggcgca	gcacggtg	gcgcagctcc	tgctcgctt	tcccttcgct	gggcgagagg	60
tgtctatggg	gcacccgctg	ccgccgcgc	taccgccacc	gccaccgcca	ccgccgcga	120
gtgctgtctc	tatggcgagg	aggaggagga	ggagcgcgag	ctcagcgaca	caagtacata	180
aataaaggat	aaaatatttt	atgaaacaaa	tcttcaatca	agtataacat	tttgatgctt	240
ggcatctaga	ctcccttg	ccctcactat	gccagcggca	actgtagatc	atagccaaag	300

aatttgtgaa	gtttgggctt	gcaacttggg	tgaagagatg	aagaaaattc	gtcaagttat	360
ccgaaaatat	aattacgttg	ctatggacac	cgagtttcca	ggtgtggttg	caagacccat	420
tggagaattc	aggagcaatg	ctgactatca	ataccaacta	ttgcggtgta	atgtagactt	480
gttaaagata	attcagctag	gactgacatt	tatgaatgag	caaggagaat	accctccagg	540
aacttcaact	tggcagttta	attttaaatt	taatttgacg	gaggacatgt	atgcccagga	600
ctctatagag	ctactaacaa	catctggtat	ccagttttaa	aaacatgagg	aggaaggaat	660
tgaaacccag	tactttgcag	aacttcttat	gacttctgga	gtggtcctct	gtgaaggggt	720
caaatggttg	tcatthtcata	gcggttacga	ctttggctac	ttaatcaaaa	tcctaaccac	780
ctctaacttg	cctgaagaag	aacttgactt	ctttgagatc	cttcgattgt	tttttcctgt	840
catttatgat	gtgaagtacc	tcatgaagag	ctgcaaaaat	ctcaaagggt	gattacagga	900
ggtggcagaa	cagtttagag	tggaaacggat	aggaccacaa	catcaggcag	gatctgattc	960
attgctcaca	ggaatggcct	ttttcaaaat	gagagaaatg	ttctttgaag	atcatattga	1020
tgatgccaaa	tattgtggtc	atttgtatgg	ccttggttct	ggttcacctc	atgtacagaa	1080
tggcacaggg	aatgcatatg	aagaggaagc	caacaagcag	tcatgacatg	aaatagtcct	1140
tttattttta	tttcgagcta	cacacatgct	tgtatatagg	ttttatctct	ggttgaatcc	1200
ctcgaacaat	agacagtacc	tttccccccc	ctttcatggc	ccattttatt	gtctgccttt	1260
cagtactaag	tatgaccgtt	cctatctcag	atcttaataa	aaagaaaaaa	aaaaacgcac	1320
tcagggttaa	tttggcctta	atttaataata	cttggttagca	agcgtgtgtg	acagagagtg	1380
gggaaagcta	catcattgaa	tattttgata	aactttaccg	acttgagttt	ggtttatttt	1440
tcccttttcc	taaattaact	agcactgact	gtaattttat	tccctgtttc	acgtctctcc	1500
cttccattct	gcaggagttt	tagctatttg	agatcgtgga	ccatcagttt	tgcacttttag	1560
agagtgtttc	tgactctaaa	cctgttttat	cagaaaattt	gttttttctt	gatcttagct	1620
ggaaaaatct	gccaacttta	cacagtattt	acttggtttt	gaccacacaga	atatagcacg	1680
ttgtgcaaac	tgtcgattca	gcgaaactta	aaaaagacaa	gaaactactg	aggagcttag	1740
taactgctgg	tttctgtacg	tagtggttaa	tcttccaagc	acatctagtg	tctgtcagtt	1800
tctaattggc	atgtgtaggc	tgtctgtgga	ctgaagaatt	ttcaaaccag	ctttacaccc	1860
ttcaggaaaa	atcccttgtg	attggatggt	tactatctgc	caggaaactg	gtactcaaga	1920
tgttgaagct	acagttattt	tatgatagca	cacttccctt	gatctgctta	tttttattcc	1980
atcaccattt	accctttttt	ttttttaaat	tttgaagcca	ttcttatgat	gctcttgatt	2040
ggtgggttac	acaaatcaat	tttattaaaa	atccaaagat	aagtcttttag	gtatatattt	2100
tcccaaatta	aattaaaaaa	caaaaatggg	gctttcatag	ttgctacaaa	ggtaaataat	2160
ggagagattt	ggtccaaaacc	acaaaaatat	atatatatatt	tcatatatat	atatatagct	2220
gataaaatta	cctggggagt	gtaatgctta	tttttttgtg	tatatctttg	caacctattt	2280
tatatatatt	gacaaaagag	actgtgaaat	acttaggcca	tgcagaatat	gtgaccagac	2340
cggagcatgt	gtaggaagac	tttacagtaa	tcattaactc	taccccgaaa	tgatggacta	2400
caagttataa	tgtgtgttac	ctacacttca	atcagtaata	ttagcaaata	tccaaatggt	2460
agtcacatt						2469

<210> 7270

<211> 4434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (650)...(4139)

<223> similar to gi2204215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7270

tcaacatatg	aaaaatcaat	gtaatatatttc	atattaacag	ttggaagact	cacaattcat	60
agtttcagaa	tttacaacac	aaacctacag	gaataaagac	aatgtagtat	tagaataagg	120
tcagatatat	agatcaatgg	acagaattga	cagtccagaa	atacaccat	acgattacgg	180
tcacctgatt	tttgactaag	gttccaaaac	aattcactag	gggaaagaat	agtcttgtca	240
aaaaatggtg	ctcagacaag	tggatagcca	taagcacaga	atgagtttgg	accctatct	300
caaatctcaa	atacaaacat	taactccgaa	ttaatcaaat	gcctaaattt	aagagctaaa	360
attttaaagc	tcttagaaga	aaacataggt	acacatcttt	gtgactttga	attagggtcac	420
ggtttccttg	acatgacact	taaaagtaca	agcaacaaaa	gaaaaaaata	gataaaatga	480
acttcagcaa	aattagaatg	tttatgcttc	agaaaacact	gtgaagaaag	tgatcagaca	540
actcacagaa	tgggaaaaat	atltgtgaat	catatctctt	aataagggtc	cagcagaaaa	600
gggcaaaggt	ggaaatggag	gaggaaaacc	tccttctggt	caaaccgaa	tgaatgggtca	660
tcaccaacag	aatggagtgg	aaaacatgat	gttgtttgaa	gttgtaaaaa	tgggcaagag	720
tgctatgcag	tcggtggtag	atgattggat	agaatcatac	aagcatgacc	gagatatagc	780
acttcttgac	cttatcaact	tttttattca	gtgttcaggc	tgtaaaggag	ttgtcacagc	840
agaaatgttt	agacatatgc	agaactctga	gataattcga	aaaatgactg	aagaattcga	900
tgaggatagt	ggagattatc	cacttaccat	ggctgggtcct	cagtgggaaga	agttcaaadc	960
cagtttttgt	gaattcattg	gcgtgttagt	acggcaatgt	caatatagta	tcatatatga	1020
tgagtatatg	atggatacag	tcatlttact	tcttacagga	ttgtctgact	cacaagtcag	1080
agcattttcga	catacaagca	ccctggcagc	tatgaagttg	atgacagctt	tgggtgaatgt	1140
ggcactaaat	cttagcatta	atatggataa	tacacaaaga	caatatgaag	cagaacgaaa	1200
taaaatgatt	gggaaacgag	ccaatgagag	gctagaactc	ctgctacaaa	agcggaaaga	1260
gcttcaggaa	aatcaagatg	aaatagaaaa	tatgatgaat	gcaatattta	aaggagtgtt	1320
tgtacataga	taccgtgatg	cgatacgtga	aattcgagct	atttgcattg	aagagattgg	1380
cattttggatg	aagatgtata	gtgatgcctt	tcttaatgac	agttatttaa	aatatgttgg	1440
ttggactatg	catgataagc	aagggtgaagt	aagactcaaa	tgtcttactg	ctctacaagg	1500
gctttattat	aacaaagagc	ttaattccaa	actggaactt	tttaccagtc	ggttcaagga	1560
tagaattgtg	tctatgaccc	ttgacaaaaga	atatgatgtt	gcagtacaag	caataaaatt	1620
actcactctt	gtttttacaga	gtagtgaaga	agttctcact	gcagaagatt	gtgaaaatgt	1680
ctatcatctg	gtttatttcag	ctcaccggcc	agtagcagta	gcagctggag	aattttctcta	1740
caaaaagctc	ttcagtcgta	gagatccaga	ggaggatgga	atgatgaaaa	gaagaggaag	1800
acaagggtcca	aatgcccaacc	ttgttaagac	attggttttt	ttctttctag	aaagtgaagt	1860
acatgagcat	gcagcatacc	ttgtggatag	catgtgggac	tgtgctactg	agctgctgaa	1920
agactgggaa	tgtatgaata	gcttgttact	ggaagagcca	cttagtggag	aggaagcact	1980
aacagatagg	caagagagtg	ctctgattga	aataatgctt	tgtaccatta	gacaagcggc	2040
tgaatgtcat	cctcccgtgg	gaagagggac	aggaaaaagg	gtgcttacag	caaaggagaa	2100
gaagacacag	ttggatgata	ggacaaaaat	cactgagctt	tttgccgtgg	cccttcctca	2160
gttattagca	aaatactctg	tagatgcaga	aaagggtgact	aacttgttgc	agttgcctca	2220
gtactttgat	ttggaaatat	ataccactgg	acgattagaa	aagcatttgg	atgccttatt	2280
gcgacagatc	cggaaatattg	tagagaagca	cacagataca	gatgttttgg	aagcatgttc	2340
taaaacttac	catgcactct	gtaatgaaga	gttcacaatc	ttcaacagag	tagatatattc	2400
aagaagtcaa	ctgatagatg	aattggcaga	taaatttaac	cggcttcttg	aagattttct	2460
gcaagagggg	gaagaacctg	atgaagatga	tgcatatcag	gtattgtcaa	cattgaagag	2520
gatcactgct	tttcataatg	cccatgacct	ttcaaagagg	gatttatttg	cttgttaatta	2580
caaactcttg	aaaactggaa	tcgaaaatgg	agacatgcct	gagcagattg	ttattcacgc	2640
actgcagtgt	actcactatg	taatcctttg	gcaacttgct	aagataactg	aaagcagctc	2700
tacaaaggag	gacttgctgc	gtttaaagaa	acaaatgaga	gtattttgtc	agatatgtca	2760
acattacctg	accaacgtga	atactactgt	taaggaaacag	gccttcacta	ttctgtgtga	2820
tattttgatg	atcttcagcc	atcagattat	gtcaggaggg	cgtgacatgt	tagagccatt	2880
agtgtatacc	cctgattctt	cattgcagtc	tgagttgctc	agctttattt	tggatcatgt	2940
cttcattgaa	caggatgatg	ataataatag	tgcatatcag	cagcaagagg	atgaagccag	3000
taaaattgaa	gctctgcaca	agagaagaaa	tttacttgca	gcattttgtg	agctaattgt	3060
atatactgtg	gtggagatga	atacagctgc	agatatcttc	aaacagtata	tgaagtatta	3120
taatgactat	ggagatatca	tcaaagaaac	aatgagttaa	acaaggcaga	tagacaaaaat	3180
tcagtgtgct	aagaccctta	ttctcagttc	gcaacagctt	tttaatgaaa	tgatacaaga	3240
aaatggctat	aattttgata	gatcatcctc	tacattttagt	ggcataaaaag	aacttgctcg	3300
acgttttgct	ttaacttttg	gacttgatca	gttgaaaaca	agagaagcca	ttgccatgct	3360
acacaaagat	ggcatagaat	ttgcttttaa	agagcctaata	ccgcaagggg	agagccatcc	3420


```

acctttaaat ttggcatttc ttgatattct gagtgaattt tcttctaaac tacttcgaca 3480
agacaaaaga acagtgtatg tttacttgga aaagttcatg acctttcaga tgtcactccg 3540
aagagaggat gtgtggcctt cactgatgtc ttaccgaaat tctttgctag ctgggtggtga 3600
tgatgacacc atgtcagtc ttagtggaat cagcagccgg gggatcaacag tacggagtaa 3660
aaaatcaaaa ccatctacag gaaaacggaa agtgggtgag ggcatgcagc tttcactcac 3720
tgaagaaagt agtagtagtg acagtatgtg gttaagcaga gaacaaacac tgcacacccc 3780
tgttatgatg cagacaccac aactcacctc cactattatg agagagccca aaagattacg 3840
gcctgaggat agcttcatga gtgtttatcc aatgcagact gaacatcatc aaacacctct 3900
tgattataat cggcgtggca caagccta atggaagatga gaagagccaa ttgtggaaga 3960
tgttatgatg tcctcagaag ggaggattga ggatctta atgagggaatgg attttgacac 4020
catggatata gatttgccac catcaaagaa cagacgagag agaacagaac tgaagcctga 4080
tttctttgat ccagcttcaa ttatggatga atcagttctt ggagtgtcaa tgttttaata 4140
ccagtacaca attaaatctg tggatgaagc attttctaag tggaagagga aattttaaag 4200
tgtgtgtagat acagtgaat tctgtacaga ttttctcta aggagaatat gacatgctta 4260
tgcttaccaa gatcaagtgc attgaggggc agttttgttt gcctgaataa acgtaaagga 4320
caagtaaaca atttgatgat aagctacagt ttttcttata aagtaaatat tttatttatg 4380
cgctgttagt tggcttttga atcgattatt tcatgctttt ttttaaaaaa aaaa 4434

```

```

<210> 7271
<211> 2957
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(1156)
<223> similar to gil770163 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7271
gcaattcggg cgcgtcaggc cgcgacgagg gcgctgagac aaatttacat gtattggaga 60
ccagaccaga agcccttctg aattaagatc tcacattctt gaaggtggca ttgaagagca 120
ctaagatcgg aagatgagtg agcttgacca gttacggcag gaggccgagc aacttaagaa 180
ccagattcga gacgccagga aagcatgtgc agatgcaact ctctctcaga tcacaaacaa 240
catcgaccca gtgggaagaa tccaaatgag cagcaggagg aactgcggg ggacacctggc 300
caagatctac gccatgcaact ggggcacaga ctccaggctt ctggtcagtg cctcgagga 360
tggtaaactt atcatctggg acagctacac caccaacaag gtccacgcca tccctctgag 420
ctcctcctgg gtcattgacct gtgcattatgc ccttcttggg aactatgtgg cctgcgggtg 480
cctggataac atttgctcca tttaaatctt gaaaactcgt gagggaacg tgcgctgag 540
tcgtgagctg gcaggacaca caggttacct gtctgtctgc cgattcctgg atgacaatca 600
gatcgtcacc agctctggag acaccacgtg tgccctgtgg gacatcgaga ccggccagca 660
gacgaccagc tttaccggac aactggaga tgtcatgagc ctttctcttg ctctgacac 720
cagactgttc gtctctggtg cttgtgatgc ttcagccaaa ctctgggatg tgcgagaagg 780
catgtgccgg cagaccttca ctggccacga gtctgacatc aatgccattt gcttctttcc 840
aaatggcaat gcatttgcca ctggctcaga cgacgccacc tgcaggctgt ttgaccttcg 900
tgctgaccag gagctcatga cttactccca tgacaacatc atctgcggga tcacctctgt 960
ctccttctcc aagagcgggc gcctcctcct tgctgggtac gacgacttca actgcaacgt 1020
ctgggatgca ctcaaagccg accgggcagg tgtcttggct gggcatgaca accgcgtcag 1080
ctgcctgggc gtgactgacg atggcatggc tgtggcgaca gggctcctggg atagcttctt 1140
caagatctgg aactaacgcc agtagcatgt ggatgccatg gagactggaa gaccattcca 1200

```

acttggacgc	gttaccatga	gagcatatcc	tatccaacccg	tactaacgtg	gacaccctac	1260
acctcccctc	agaacttcaa	aagggcaaga	tcttttttcc	ttcacttatt	gctgaaacca	1320
agagcacaat	tcccattgag	agaaagatct	ctgtgctgta	aactaaaaca	aattgtgcat	1380
tccttccggg	gccatcgtct	ttgttttctt	ttttgtcttg	aatgaatttt	aaaaggaaat	1440
atataataaa	aatgttaacc	agaaggtaaa	cttgagtgtg	attgtcagac	agacacactt	1500
ttccaccagt	gtatttgaat	tttaaaccag	tgaccctggt	ttgtggcatt	catgcaaac	1560
atgctgaggg	ctttgttcat	ctggtcacgc	tgtccaaatt	tcagtcattg	ttgtagcaag	1620
attttggaag	cattcatatt	tcctttttta	aatgtattcc	tttgtgttca	acagttaatc	1680
aaaaccagag	agtctagggc	agcctctctg	atgttgtcaa	tgatgtaaat	tcagtccctg	1740
gtttttaatt	ttctgtctga	tgtcacagat	cattgttgca	cacaaacgtg	gcatagaaaa	1800
gaacatgttc	agaagccatg	gggccaagca	catgcgggga	cgggtctcaa	tgcgatgatca	1860
gagaatcctt	cacctttgct	gaaaagtgtg	ctcagatcca	gcacctgtt	cctcctgacc	1920
catcctgtct	atcttctcag	ttgagttttt	aatctcactt	tgggtttcct	tgtgaagttg	1980
gagggaggtt	tataatagcc	taacactacc	ccaccccaa	ctaggaggaa	cctctgtttt	2040
caagagagat	gcctgtcctg	tgcttggtata	gtcagtcatt	tatttgtgtg	tgaaacaatg	2100
tacaaatcaa	tgttttgaaa	ataatgatct	cagactttct	aagttaaatt	ttaaaaat	2160
tgattgtttg	ccatattggg	tgggtttact	cttagaatcg	catgctgtag	aaatgctcaa	2220
aagtgcata	gggactcagt	ccttaggtgt	tctttttctt	ttaagaaata	acctcttaca	2280
gttgtaacca	ttgcggctct	gtccacttct	cgctgtccac	ttctcgttgc	tgctctgtgg	2340
cacatatcgg	aagcagtaca	gcgcgcggct	ctacacgctt	gggtagcggg	ataagtcact	2400
gttttcttta	tttctttaaa	aaaaaaaaaa	gttctgttgc	aaacgactgc	tggtggattc	2460
tgaggggtgg	gagggagaga	gagggagggg	gagggagtga	agagcctgcc	ctcctatatg	2520
gattcttcag	ggccctccac	atctgaggtg	gctcattccc	atcacacaca	gattgtcctg	2580
gtgttcattt	caaggccagt	gttcagcagc	agcgtttgga	aagcagggtt	tgtgggaccc	2640
cccgccccgc	ccccgcact	ccttcatagc	agcagtagtg	gcttctccat	cctgttttct	2700
gcaacattct	atacaaaact	gtgctgtgac	cttgcggtag	gcctggatct	ggcaaagaga	2760
atacaaata	aaccccttct	ttctctttcc	gtccaacaac	tctgtagagc	tctctgcacc	2820
cttaccctt	tccacctttt	gtattttaatt	ttaaagtcag	tgtactgcaa	ggaagctgga	2880
tgcaagatag	atactatatt	aaactgtact	gttattttaag	atgtaataaa	gcagtttgac	2940
atgagggaaa	aaaaaaa					2957

<210> 7272

<211> 3255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (516)...(2409)

<223> similar to gi3327216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7272

aacaagatac	caaaatgcat	gaaatttata	aaggaaatat	tactcccaa	ttgaataaaa	60
acactcttaa	aacttctgct	gccacggatg	tttgggctgt	gtacttttct	caatttttga	120
tagattatga	agggatgaaa	agtggaaaag	gacggccaat	aagtttttga	gactcattcc	180
ctctttccat	ttggatttgt	caaccaacaa	gatatgcaga	gtcacaaaaa	gagccgcaga	240
cttgtaatca	ggtatctcta	aatacatcac	aaagtgaatc	tagtgatctg	gctggccgat	300
tgaagcggaa	gaagctcttg	aaggagtatt	atagtacaga	gtctgagcct	ttgacaaatg	360
tggtgcagaa	gccttcttca	tcagatacat	ttttcagatt	ttccccttcc	tcgtcagagg	420

cagatattca	tctcctagtt	catgttcata	aacatgtcag	tatgcagatt	aatcactacc	480
agtatctgct	tctacttttc	ctgcatgagt	cacttatcct	gctttcagag	aacttaagga	540
aagatgtaga	agctgtaact	ggcagtcctg	ctagtcagac	atccatttgt	attggaattt	600
tacttagaag	tgcagaactg	gctcttttgc	tccatccagt	ggatcaagca	aatactctta	660
agtctcctgt	ttctgaaagt	gtgagcccgag	tggtagctga	ttatttgcct	acagaaaatg	720
gggatttttt	gtcttcaaaa	agaaaacaaa	ttagtaggga	tataaataga	attagaagtg	780
taactgttaa	tcatatgtca	gacaacagat	ctatgagtgt	tgaccttagc	catatccctt	840
taaaggatcc	tttgcttttt	aaatcagcta	gtgatacaaa	tctgcaaaaa	ggcattttctt	900
ttatggacta	tttatcagat	aaacatttag	ggaaaataag	tgaagatgaa	agtagtggac	960
ttgtttacaa	aagtggctca	ggagaaattg	gatcagaaac	aagtgacaaa	aaggattcat	1020
tttatacaga	ttcaagtagt	gtcttaaact	acagagaaga	ttcgaatata	ctttcattttg	1080
atagtgtgg	taatcaaaac	atactttcaa	gtactttaac	tagtaaagga	aatgaaacca	1140
tagagtccat	ctttaaagct	gaagatttgc	ttccagaagc	agcttcactc	tctgaaaacc	1200
tggatatcag	taaagaagag	acccccccag	ttagaacact	taaatcacag	tcatcttttaa	1260
gtggaaagcc	taaggaacgt	tgcccaccca	acctggctcc	tctctgtgtt	tcttataaga	1320
atatgaaaag	aagctcttca	caaatgtcat	tggataccat	ttcacttgac	agcatgatat	1380
tggaagaaca	gttattagaa	agtgatggaa	gtgatagcca	tatgtttttg	gaaaaaggaa	1440
ataaaaagaa	ctcaactaca	aattacaggg	gcacagcaga	aagtgtgaat	gctgggtgcaa	1500
acctacagaa	ttatggtgaa	acttctccag	atgccatcag	tacaaattca	gaggggtgctc	1560
agggaaatca	tgatgacctg	atgtccgttg	tggattttaa	aattactggg	gttaatgggg	1620
aaattgacat	ccgaggggaa	gatacagaaa	tctgtcttca	agtgaaccag	gtgacaccag	1680
accaattagg	caatatcagc	cttcggcatt	acctttgtaa	tctgagattt	ggttccgatc	1740
agaaagctgt	aattcattcc	aaatcctctc	ctgagatttc	tctgagattt	gaaagtgggc	1800
ctgggtgctgt	aatacactct	ttacttgcag	aaaaaaatgg	gtttctgcag	tgccacataa	1860
aaaacttcag	cactgagttt	cttacatctt	ctcttatgaa	tattcaacat	tttttggaag	1920
atgaaactgt	tgcaacagta	atgccaatga	agatacaagt	ttctaacacg	aaaataaatt	1980
taaaagatga	tagtccccgg	agtagtacag	tatcccttga	accagctcct	gtaactgtac	2040
atattgatca	tcttgtggta	gagagaagtg	acgatggctc	ttttcatatc	agagattctc	2100
acatgcttaa	cactggaat	gatttgaaag	aaaatgtcaa	aagcgattca	gtgctgctga	2160
ccagtggaaa	gtatgatctg	aagaaacaac	gcagtgtcac	gcaagccact	cagacaagcc	2220
caggggttcc	ttggccttct	cagtcagcta	actttctcga	gttctccttt	gacttcacta	2280
gggaacagct	catggaagag	aatgaatctc	ttaaacagga	actggctaaa	gctaaaatgg	2340
ctcttgcaga	ggctcacttg	gaaaaagatg	ctcttcttca	tcatataaag	aagatgacag	2400
ttgaatagca	ggagtggcag	tcaaaaactga	aattatagct	ctgggagtag	gaaggttata	2460
tttataatgt	ggatgttacc	agtttagggga	agacttttat	tttcatgaaa	agacaataaa	2520
acaaaatgga	atgtgatgaa	gtgggtgacta	tttcaaagcc	agtttagaaa	gtattagtac	2580
gggcattaca	atcttttggg	tgttttgtgt	tttggggctt	aacctctttt	taagctgttg	2640
tgatcctagg	gaagtcaaca	catagtgtaa	aataattacc	atgccctaata	gaaaagaaga	2700
tgtcatttcc	taattttgat	atctcatttt	cggcattttt	taaaatgtaa	aaggaaaacc	2760
tcttgtgttc	acacagattg	ctgaattgat	ttctccatat	ttgttaataa	tttactatta	2820
tttacaaaga	ttcaaagtct	tttatgacta	atgtaaaatg	aaaagaggct	tacatttttaa	2880
atgttattaa	aattatgtac	ttaaatctat	aattatttaa	ttattgtaaa	aagtccaagc	2940
agatcaataa	actatataat	taatgggttt	ggaaaatcat	cacctactg	aacttacaaa	3000
atatcttgaa	aatgtgaaaa	atatcatttt	aaataatggg	tacattgtat	aagtggaagc	3060
tataattttc	aacaaaaaga	tggtaacaaat	gtaaaagtaa	aaagcacaaa	ctatacaaaa	3120
gcaaaatcta	tggccaagtg	attttaaagc	attacttgta	catttccttta	aacatttgtt	3180
gttagaagca	aaagagtaat	ttatcctgct	aaatttggca	ccatttgtaa	ttataaaaaat	3240
tttgattaat	actaa					3255

<210> 7273
 <211> 5523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2238)...(3309)
 <223> similar to gi2887433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7273

aaagggacag	aaatatgatt	ctggccttct	tgatggtgaa	tacaggaaca	ctttcagata	60
aattacaata	gagaggagtc	agcttattta	aacaaactga	ggttaagcca	gagattgcag	120
ttaacagtga	aaaaatttaa	agcaagtacc	tggatggatg	caaagcagtg	cccaggagac	180
ccaacttacg	tgacagagat	gatcattgtc	actcattcat	tatgttttga	gcaccagcca	240
tgtgccaggt	ccagaactag	aagaaacttg	ggtgtaggtg	agatcatagg	aacagtccct	300
gccccagctg	aacatcagga	agccagactg	ggagcacatg	ccgtggctga	ctaggactcc	360
agcagggacc	tggggttcca	tcagatcagt	gtaaagcgat	ggtttcccaa	atgagacctc	420
tccagagatg	gttcattcca	ccccgcaatg	gccaccagaa	acattgtgct	gaccagaggg	480
cttcaactgcc	ccaaacccca	aaatcacact	ccaggatgag	aaacctaaaa	gtctatcttg	540
atgaggcttc	atagctggaa	accacccctc	atggatccac	aggctgcatt	tgatgaaagg	600
agactccagg	aagtcgagcc	attccaggca	gacatgtagc	aaaagcccga	gctgggggtcc	660
gccctcatgc	aataaataac	acctgtgcac	ataagagagg	tgacaggcag	ggcatccctg	720
gggacctggg	cctgtggcac	gtgaagaaac	acccaagaga	gcacgaagtc	ccaatgccat	780
gaccagatat	ttcggtgcca	ggcatgcttc	tgggtcccag	caaaagacac	acaaatccgt	840
gtccttgggg	acccacagtc	tagtgacctc	gggctggccg	ggtcgcacgc	ttcttttcaa	900
gggctcgaaa	gcctctgcat	ggatgcaact	ttgggggaaa	agtaacccta	accctctgct	960
tctctcatcc	tccccctctc	tgtgtatatg	tctgtctctt	tctctctgtg	tgtgcccttc	1020
cccactccca	tccccattcc	tttttttatt	tattatatatt	tgggtgggtg	tggctcggtt	1080
tctgttggtc	ccctcggtg	gccccctccc	tgctgcagaa	ctcgtccagc	tcggcctcct	1140
ccgaagcctc	ggaaacctgc	cagtcagtg	gcgagtgcag	ctccccacc	tctgtcagct	1200
cgggctccac	catgggtgcc	tgggtgtcca	cagagaaggt	gaccgcccgg	gtggcagcca	1260
cagcgcccc	actctccctg	gtccccctgc	ctgctgctca	gacagccctc	acagcccgcg	1320
caacctggaa	gctcagaatc	gacaccaaga	gtggggctcc	tcttggggac	agaggggtgg	1380
acaaggctga	gagcattttc	tagaatgagt	gcctggctgc	tggacaatga	ccacatgggt	1440
gtctcaaggg	agaggaaggg	gtatggggaa	tttggagggtg	tgaaggcttt	ctcccagacc	1500
aggtgttgcg	tgctgttcca	tccctctccc	tcccttcccg	agccacccac	cagaccgttg	1560
gatgagccat	gtcactgtgt	cagaggctgt	gtgcttttcc	gctttttagt	ttgcaccccc	1620
acccccctgc	ccttgattga	gaatgtgctc	ctgagcaatg	cgacgatttt	ggaaacctag	1680
aatgaacaga	ttcatttgaa	gatgcttttg	aattttttaa	tttgcataat	gaaatgagca	1740
aatcaactatc	accattaaat	gaggttccat	tagttacatt	atcaaaaacc	attgacaagg	1800
ccacaaattg	agggcactga	tcaatttcca	aacttctaaa	acgtagggtca	aacatagatg	1860
cttatttgc	gtcaaaactc	tgtgcattct	ttgcaccccg	gctcttttct	cttgcatcac	1920
agatcatccg	tgagcagcag	agccccaatg	tttgttttat	ttataaatat	tcagggtttcc	1980
cctcccttga	atgtcaatgc	catttttgtat	ctccgcactc	atcctgttat	attaattttt	2040
tttcccttcc	ccccctttt	tttgtttgtt	tccagttgtc	taacgggttt	tctcactata	2100
gtttatcaag	tgagtcacc	gtggggccca	cgggtgcagg	ccttttccct	cattgcctgc	2160
ctgctcccg	cctgctccct	cgggtcacct	ctgtccacct	tccagactac	gctcattatt	2220
acaccattgg	gcccggcatg	ttcccgctcat	ctcagatccc	tagctggaag	gactgggcta	2280
agcctgggcc	ctacgaccag	cctctggtga	acaccctgca	gcgccgcaaa	gagaagcgag	2340
aaccggaccc	caacggggga	ggaccacta	ccgccagcgg	cccacctgca	gcagctgagg	2400
aggctcagag	accacggagc	atgactgtat	cggctgccac	caggcctggg	gaggagatgg	2460
aggcttgtga	ggagctggcc	ctggccctgt	ctcggggcct	gcagctggac	acccagagga	2520
gcagccggga	ctcgcttcag	tgtccagcgg	gctacagcac	ccagacaacc	acccccctgct	2580
gctctgagga	caccatccct	tcccaagttt	cagattatga	ttatttctct	gtaagtgggtg	2640
accaggaggc	agatcagcag	gagttcgaca	agtcctccac	cattccaaga	aacagcgaca	2700
tcagccagtc	ctaccgacgg	atgttccaag	ccaagcgtcc	agcctcaact	gctggcctcc	2760

09483725 "01.10.00

ccaccaccct	gggacctgct	atgggtcactc	caggggttgc	aactatccga	cggacccctt	2820
ccaccaagcc	ttctgtccgc	cggggaacca	ttggagctgg	tcccatcccc	atcaagacac	2880
ccgtgatccc	tgtcaagacc	ccaaccgtcc	cagacctccc	aggggtgttg	ccagcccctc	2940
cagatggggc	agaagagcgg	ggggagcaca	gccctgagtc	gccatctgtg	ggtgagggcc	3000
cccaagggtg	caccagcatg	ccctcctcaa	tgtggagcgg	ccaagcttcc	gttaaccctc	3060
cacttccagg	cccgaagccc	agtatccctg	aggagcacag	acaggcaatt	ccagaaagtg	3120
aagctgaaga	ccaggaacgg	gaacccccaa	gtgccactgt	ctccccaggc	cagattccag	3180
agagtgaacc	tgcagacctg	agccccaggg	atactccaca	aggagaagac	atgctgaacg	3240
ccatccgaag	gggctgaaa	ctgaagaaga	ccacgacaaa	cgatcgctca	gccccctcgt	3300
tttcttaggt	tcacaagaaa	tgcgccgggtg	gggaatgaac	tgtttcatta	ataaaaccta	3360
atltgtcttg	atccattcca	ctctataata	aaacaaaaga	ttttgtaggc	aactcggaat	3420
atagctcttt	tgaagtact	cgacaccttt	agataagaat	taaaaccaac	ctatgtaact	3480
gacataatct	tgatctttta	atttgtaaat	attgacaatt	ttctttctgc	acattttaat	3540
cttagtttcc	cttttgattt	ttctgaagg	gccaaattcc	atttaacttt	tttacaagtc	3600
tttgtaaaat	tttaaatgca	taaaggggg	tggggcaggg	gaaccacgaa	gtagttaatt	3660
ttagaaaagg	atttactata	cttcaactct	cttttttttt	ccccacaagc	ttttgtagat	3720
gcattgtagt	agtctagctt	agaagcaaat	gcaagttatt	ttaatgtaca	aactaaatgg	3780
gtaagaggta	aaatcttcat	ttaaatatac	tatgttctgg	atgaaaagag	caggagtaac	3840
aattgatgag	caatattcag	agtgaagtaa	atctggaaat	ggtagactgt	gttgggattg	3900
gggggagggc	catgggaggg	gtacatcgtc	aacatagccg	atcctgttac	atttaagagt	3960
agcctcgtag	gttgaatttc	ttctggtagc	ttcatggtaa	atgcatccga	ataagccata	4020
ctggattgca	gtgtttgttt	ctgtagggtg	tttaaggact	tgacttcctt	tctcccatga	4080
ttcctctgga	ctgcacacag	caccacacac	cagccccatg	catgctgctg	cctctgggca	4140
gtcgtagaat	ctcccacttc	agtttctcgt	tgattgtact	cacctttatg	gaatccaaat	4200
acatccaaaa	gggtaaggca	gttttaaaaa	tgtgaaaaca	tttaaaaatg	ataatagcag	4260
ggaattctta	gattatagta	aatgcctttt	acttaactgt	gccagcagg	ctgggtgcgt	4320
taaaaagccc	aagtattttg	aaaaaactcg	aacagatttg	acaagggtag	ccagcttgga	4380
gtctagcaac	ttgccaatgt	gtttaccaat	ctgggggctt	gtttttcttt	tcttctttca	4440
aataaatggc	agttaactgg	ctttacagta	aacattgaag	agaggaggat	ttgtttattg	4500
tcactgggaa	tctgaccact	atactgtcct	ttttttgtat	tctgggtaaa	tgttttttgg	4560
aaaagatttg	tcttttctaa	gtggaagtta	aatttgttat	actgcccata	ccctaaagcc	4620
aacagagatt	tgtagattta	aagggatcac	atttgaagac	aatagtgttt	aagaaagcaa	4680
gcaagtccct	tagcagtcag	gtcataacag	ggcacatttc	tgaccgaacc	ctctcaaggc	4740
agaggaggag	tttgggtggg	ttcatacacc	ctgcagattc	ctgttggctc	taaccctcaa	4800
ttacctaatc	ttatgcttta	acacataact	gcattggatg	tgagagtaac	gtaccgtatg	4860
gtcattgttc	tatatattaa	cattgaacac	tgctgcgatt	gctcaaggac	attttatgtt	4920
acggctttta	agcaaaggca	tgattattag	aaactattta	agcttttttc	tttgaaaaac	4980
aagctccttt	tacagaatat	aaacaacagt	agtgcctgtg	gttttagccca	ccaatcttga	5040
tgactaaaag	tagctgatgc	attgtgcata	tgatgcttga	gatgggtttt	gcaaaagcag	5100
aaatcgctgc	caaggtaatc	acaatagata	aaagtgggat	tttaaaccct	tgaaataaat	5160
ggatgtaact	gtaccttggg	taccagcttt	tcacttggtt	agttttttaa	cgtaggtata	5220
atctgaataa	ataaaatgtt	gccaaattca	atgtagaaa	aatgtgacaa	cacaccttgg	5280
gtagttctgc	ttgtgttttt	gcatattgta	aaagcagtg	cacagctaaa	aagaaagaaa	5340
tcgtttctaa	cagtaaatta	ttgtgcttta	gttgctagtt	tgtactgaga	gttgacctct	5400
ccctgtgcag	ttttttgttc	taaacttgta	taaataacaa	ttgtgtaatg	tgtctccctc	5460
ctacattgta	acaattgctt	cagcctacgt	tataaataaa	gaaccactag	attaaaaaaa	5520
aaa						5523

<210> 7274
 <211> 1980
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1921)...(724)
 <223> similar to gil707507 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7274

tttttttaaa	ctatattagg	caaacatatt	cctttattta	gattttatat	tcacatttag	60
tttttttatg	cacacattta	agactttata	aacactaaca	ttagcaattc	cagaagggtg	120
ggtagatttt	tttaaataata	attactctta	taaaagggaag	aaatagagac	tttactaatg	180
gactgtattt	ttgacttcac	ctataatgca	actaatcatc	tacttagttg	ctatgttaat	240
ctatttgctt	cttcagcaaa	ttatcactga	ctcagtgggt	taaaacaaca	caaatttacc	300
atcttatggt	tctgtgggtc	agaagtttga	cattgatctc	actgggctaa	aaagggtgcc	360
gcaaggctgc	attcctttct	ggggactcta	atggagaatc	tgtttccttg	ccttttcaat	420
ctttttttac	aggccccctt	cattccttgg	ctcaagggtg	cttcctcctt	caaagccacc	480
ttttaacttc	cttcaaaaagt	agttgtcttt	cttatacagg	atcactctga	cctcctcttt	540
tgcctccctc	ttcaactttt	aaagatccct	acaattatat	taggccctcc	aaagtaattc	600
aggataatct	ccccatctca	aggcccttaa	taacatttta	aattaatcac	ttctgcaaaa	660
ttcttttgca	atgtggcata	acatattcac	agttcctgag	aattaaaac	attggcatcc	720
ttaggcaaat	ctgcttaact	ttttcaattt	agctcatat	ctttttttac	tccaagatag	780
aagagtgatg	tttaaagtac	tcaagttaca	gccagcattt	accaattctt	tgattcgact	840
ttttaaaagta	cttatgcttg	aatccagaac	ccgaggattt	tcgattattt	gtgaaatgct	900
aatgttttct	tccatgaggc	agtctatttt	atcattaaac	tttttctctg	ccaagaagat	960
cacatctgga	tagcttaaga	caaacttctg	tacctcttct	tcagtacatc	caagagaaaa	1020
cagcttctct	ttgatgtttg	cgtagcttct	tctggcatag	tcattggaaa	ggtctaggat	1080
ttcagctcct	ggaccacata	tcagaaccag	cagttcctca	ctgttcaaat	tgaaagttga	1140
ccgtaagaat	tcaatgttag	ctttcaccgg	cttgggtgctc	tgaattaaga	taaaagggtt	1200
tttaaaaaatt	atcttttctga	caaaatctgc	gggatcattg	tgacccaatg	acaaaccggc	1260
tgcctgcaaa	aattcaacca	tctgtttatt	cagatcaaga	ctattggaga	aggtacgagg	1320
ggcattgggtc	aacaatcgac	aaaggcattt	acgggtcaat	ccaactgagt	agagggaactt	1380
tatattattc	tctaagttta	ggttgttatt	ggaccgaaaa	aaggattcag	gagaacgttc	1440
caaaaatattt	acaatttcaa	ggtctgatgt	cacaatcttt	ctccacagat	cccaccgttt	1500
tgaaagattc	tcgggagtac	gtgttattgc	tcgtggatat	cttgatatga	tgctagcgat	1560
cacttctttg	ctagctcctt	tggaaagaag	gaacatcttc	aggtcctgct	cattggtaat	1620
catcctatga	aaaactccag	gctgtcgttt	ccttgccatg	tcaatatcta	ctcccatagt	1680
aagtaagttt	ttcagtaggt	cctcattttt	caaaggctca	ctgtctgtat	tatgacactt	1740
cacaccaaaa	agcctaaatg	aaactgattt	gaagatgttt	tctgctgaaa	atcgagtcac	1800
ccaacatctt	gaaccaaaga	gaaagttatt	tctcatatgc	cagagggtttc	ctggtgccat	1860
aatggtagg	tagttcaaac	cttttgaaat	gcttgtttgt	cctaaggaaa	ggctctgcat	1920
ccctccagaa	aggctggaga	acagctatct	cctgaactgc	acccatccac	tgtagttcgc	1980

<210> 7275
 <211> 1176
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (992)...(440)
 <223> similar to gi5912223 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7275
tttttttttt ttttagtttc taaaaatatt gttttattaa ataactgtta aataggattt 60
ttacaaaata aatggcatag aaaagggtaa aaatgtttat gttcccagaa ctttctatgc 120
cttttcaaca gaaaggaaaa ggcacagaaa gttgtcagct gctattactt ctggagagct 180
gccacaactg gacggtgttg gagtatcacc agttctctct ctcatgggaa agaaggggat 240
caacactttg tagagaggta gcacgtcttc aggtaacagc tgctacacac agctggcttc 300
aacttttagct cccctgttga tgactgtcag cttcaagggtg tagcatcca tggcactcag 360
gaagaattaa ggagctgcac gaggttttca agacatttca aataataggc atttagaggg 420
tttgcttctg agtttgggaa agttttcttt gctaaggagt atgcttcac cactcttctt 480
tttactgatg ggcttttcaa agctgttttt gccttctgat aattgtaaat cagagcccaa 540
agggcagctg ctccaatcct ctgagcattt tgattctcac tttccagaca ggcagcaagc 600
acagtaatga ctttttcatt agccaggatc ttgggtttat ttgcaggact gaagcaaaca 660
ttatgaaaga taagaagagg caataaaggg ctgctcttgt gcttgtattt gctcatctct 720
gttagtaagt ctagacagcc atcaagcctc agaatcattt gttgcccatc ttctccagat 780
gatatattca ggagtaactt caaccaaaga atagtcagat tacttagatg tttatttcct 840
ccttttgga atgctagaga gaggaagttc tgtaagaagt tactcttctg aattactcct 900
ttacagtcac gcgacaaggc cagggttgaa agaagcataa aaaccatctg ctgaaccgtg 960
gtgttctcca gtggcatctg ggaagccaac tttaggatac acagcatcag agagttgctc 1020
acggctcctc tatgtgtagc ttgaacaggg tgttgtccac aacttgacca acaaagagaa 1080
ctgcaaccat ttggaaaatt tgcagtatag acacaaagga gctgcagaga aatttgcac 1140
aatgaatcat ccatcaaaat ccaaggccag agagag 1176

<210> 7276

<211> 1595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (782)...(961)

<223> similar to gi36607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7276
tttttttttt ttcagagttt tagatattat ttatttttaa ctaaagcaaa taacaagtta 60
agtgaatttt gcagttttca ctttgcattg tctattttaa aggcctaggt attggagctg 120
aaatgctgaa gaggctaagt caggatatga ttacaattag tattgatatt ctatacata 180
accttttctt aataaatatt cacaggggca taaattaaat cattaatctc accatttgga 240
acataacccc aacatatact tcaaatttcc tacccaaatt aaactggggg tttcaaataca 300
ggatggatca tataccagta tatggaatta taggtccaat taaaaattgg atttatatat 360
aatccccaca acccacacct atacaccctt ttttgcttat caaggggaaa ggtaggaagg 420
gagggaggtt taggaaagca ttttgtttc aaaaacacag gctcacagta tgaatattac 480
aagactataa aagcaagatc ttcttgatatt ttggaaacat atgagaacat gtgttctttt 540
aggtagacct tttctgtatg ataaaggctt tgcaaatcag ttttgagatt ttaaagaggg 600
ctttaagctc cagaacagtg agactttttt ctttttacag ctatagaaaa gttcaaaagg 660

taactactat	atgtggaagt	attattcaca	catagtgtct	tgcataagagt	agaccttcaa	720
taaaatata	gtgttaacga	agattatact	ttcaaatgaa	agtaatat	gcttgtttgt	780
ttttaaacag	atagccatca	caactcaatg	taactgcatg	cactttcttg	tcgtcatttg	840
gaaccaggct	tctatcaact	actatactag	tcgaggggct	ttagaccttt	cctctgagga	900
gggctggcat	ctcttcaggt	ttaacagaga	agaactcctg	gacatggcat	gggaagaatg	960
aaagaggctt	tgtaacaact	catcccaaca	cagcctccaa	catttgactg	tcacctgagt	1020
ctaacagcag	tttgactttg	ttgtacaata	cagcaagtga	tcatcacatt	cttgtttgag	1080
cagatctttt	atgttgaaac	agattttgta	gctctagtca	actttccatt	atccaaacca	1140
atattctaac	ggctagtagc	agtagtgata	atccaaaaga	gcagataatt	taaaagtcac	1200
ttatacttag	ctttgcgcta	ttttttacct	atcataattc	atcaaaatta	aggtgctttt	1260
cacaatttga	catatctgat	gtcgggataa	atgtaatgat	caactggcag	cattttttgt	1320
ttgtttgttt	ttagaggcag	gatcttgcta	tgttgctcag	gctggtctca	aacttttggc	1380
ctcaagcaat	cctcccactt	cagcctccca	gacacaagca	actctgctca	gccttttttt	1440
ttaaatataa	ggtatatgat	atgccctaga	tccgatgaaa	tatgggtggt	tgaatatatt	1500
cagatctgag	gtttaaaaaa	attcattttca	aatactggag	ataaactctg	aagagcctac	1560
ccatgaaaaa	ctagcaagta	aactgcttcc	ctacg			1595

<210> 7277
 <211> 2034
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2035)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (112)...(1570)
 <223> similar to gi32055 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7277						
ccggattccg	ggtcgaccca	cgcgtccgct	ccgaagtggc	agcagccaga	gagggagtcg	60
gtgtggacgc	gaggagccgg	gcgcttagaa	cagaggcttg	cacaggtgga	gatgtggaag	120
tctgtagtgg	gccatgatgt	gtctgtttcc	gtggagaccc	agggatgatga	ttgggacaca	180
gaccttgact	ttgtgaatga	catctctgaa	aaggagcaac	gatggggagc	caagaccatc	240
gaggggtctg	gacgcacaga	acacatcaac	atccaccagc	tgaggaacaa	agtatcagag	300
gagcatgatg	ttctcaggaa	gaaagagatg	gagtcagggc	ccaaagcatc	ccatggctat	360
ggagggtcgg	ttggagtaga	aagagaccga	atggacaaga	gtgcagtggg	ccatgagtat	420
gttgccgagg	tggagaagca	ctcttctcag	acggatgctg	ccaaaggctt	tgggggcaag	480
tacggagtgt	agagggacag	ggcagacaag	tcagcagtcg	gctttgatta	taaaggagaa	540
gtggagaagc	acacatctca	gaaagattac	tctcgtggct	ttggtggccg	gtacgggggtg	600
gagaaggata	aatgggacaa	agcagctctg	ggatatgact	acaagggaga	gacggagaaa	660
cacgagtccc	agagagatta	tgccaagggc	tttgggtggc	agtatggaat	ccagaaggac	720
cgagtggata	agagcgctgt	cggcttcaat	gaaatggagg	ccccgaccac	agcttataag	780
aagacgacgc	ccatagaagc	cgcttctagt	ggtgcccgtg	ggctgaaggc	gaaatttgag	840
tccatggctg	aggagaagag	gaagcgagag	gaagaggaga	aggcacagca	ggtggccagg	900
aggcaacagg	agcgaaaggc	tgtgacaaag	aggagccctg	aggctccaca	gccagtgata	960

gctatggaag	agccagcagt	accggcccca	ctgccaaga	aaatctcctc	agaggcctgg	1020
cctccagttg	ggactcctcc	atcatcagag	tctgagcctg	tgagaaccag	cagggaaacac	1080
ccagtgccct	tgctgcccac	taggcagact	ctcccggagg	acaatgagga	gccccagct	1140
ctgcccccta	ggactctgga	aggcctccag	gtggaggaag	agccagtgtg	cgaagcagag	1200
cctgagcctg	agcccgagcc	tgagcccagag	cctgagaatg	actatgagga	cgttgaggag	1260
atggacaggg	atgagcagga	ggatgaacca	gagggggact	atgaggaggt	gctcgagcct	1320
gaagattctt	ctttttcttc	tgctctggct	ggatcatcag	gctgcccggc	tggggctggg	1380
gctggggctg	tggtctctgg	gatctcagct	gtggctctat	atgattacca	aggagaggga	1440
agtgatgagc	tttcctttga	tccggacgac	gtaatcactg	acattgagat	ggtggacgag	1500
ggctggtggc	ggggacgttg	ccatggccac	tttggactct	tccctgcaaa	ttatgtcaag	1560
cttctggagt	gactagagct	cactgtctac	tgcaactgtg	atttcccatg	tccaaagtgg	1620
ctctgcctcc	acccctcccc	tattcctgat	gcaaagtgtc	aaccagatga	gtttctggac	1680
agacttccct	ctcctgcttc	attaagggtc	tggggcagag	acagcatggg	gaaggagggtc	1740
cccttcccca	agagtcctct	ctatcctgga	tgagctcatg	aacatttctc	ttgtgttcct	1800
gactccttcc	caatgaacac	ctctctgcca	ccccaaagctc	tgctctcctc	ctctgtgagc	1860
tctgggcttc	ccagtttggt	tacccgggaa	agtacgtcta	gattgtgtgg	tttgccctcat	1920
tgtgctattt	gcccactttc	cttccttgaa	gaaatatctg	tgaaccttct	cttttgttca	1980
tgtcctaaaa	ttcagaaata	aagtgagnac	tatggttcac	ctgtaaaaaa	aaaa	2034

<210> 7278

<211> 6077

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(2827)

<223> similar to gi298097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7278

gaagttccac	gtcagtcagt	ctgacgggtca	gtggatcggt	gggttttatct	caaggcctga	60
gtagccggta	acaaacgagg	gttcccggga	ttggaccgac	gcagccatgc	ctctgcgact	120
tgatatcaaa	agaaagctaa	ctgctagatc	tgatcgagtt	aagagtgtgg	atctgcatcc	180
tacagagcca	tggtgttg	caagtcttta	caatggcagt	gtgtgtgttt	ggaatcatga	240
aacacagaca	ctggtgaaga	catttgaagt	atgtgatctt	cctgttcgag	ctgcaaagtt	300
tgttgcaagg	aagaattggg	ttgtgacagg	agcggatgac	atgcagatta	gagtgttcaa	360
ttacaatact	ctggagagag	ttcatatggt	tgaagcacac	tcagactaca	ttcgctgtat	420
tgctgttcat	ccaacccagc	ctttcattct	aactagcagt	gatgacatgc	ttattaagct	480
ctgggactgg	gataaaaaat	ggtcttgctc	acaagtgttt	gaaggacaca	cccattatgt	540
tatgcagatt	gtgatcaacc	ccaaagataa	caatcagttt	gccagtgcct	ctttggacag	600
gactatcaag	gtgtggcagt	tgggtctctc	gtcaccaaac	ttcactttgg	aaggacatga	660
gaaaggcgtg	aattgcattg	attactacag	tgggggggac	aagccatacc	tcatttcagg	720
tgcatgatgac	cgtcttggtt	aaatatggga	ttatcagaat	aaaacatgtg	tgcatgacact	780
ggaaggacat	gccccaaatg	tgtcttggtc	cagctttcat	cctgagttgc	caatcattat	840
cacaggttca	gaagatggaa	cagtacgtat	ttggcattca	agcacctacc	ggcttgagag	900
cacactgaat	tatggaatgg	agaggggatg	gtgcgtggcc	agtctaagag	ggtcaaacaa	960
tgctgctttg	ggctatgatg	aagggagcat	cattgttaag	cttggtcggg	aggaacctgc	1020
catgtccatg	gatgccaatg	gaaagataat	ttgggccaag	cattcagaag	tccagcaggc	1080
caacctaaaa	gcaatgggag	atgctgaaat	taaagatggt	gaaagattgc	cactggcagt	1140

aaaggatatg	ggcagttgtg	aaatataccc	tcagactatt	cagcacaatc	ctaattgggcg	1200
gtttgtgggtg	gtgtgtgggtg	atgggggagta	tatcatctac	acagcaatgg	cattgagaaa	1260
caagagctttt	ggatctgctc	aggagtttgc	atgggccac	gattcttcag	agtatgcaat	1320
aagagagagc	aacagcattg	taaagatat	taagaacttt	aaggaaaaaa	aatcatttaa	1380
accagattttt	ggagcagaaa	gtatctacgg	cggcttctta	ttgggagtca	gatctgtaaa	1440
tggcttagcc	ttctatgact	gggacaatac	agaactcata	cgaagaattg	aaattcagcc	1500
caaacatat	ttctgtgctg	actctggaga	gctagtctgt	attgctactg	aggaatcatt	1560
ttttatcctt	aagtatctgt	cagaaaaagt	cttggtgca	caggaaacac	atgagggagt	1620
tactgaagat	ggcattgaag	atgcctttga	ggttcttgg	gagattcagg	aaattgtgaa	1680
aacagggctt	tgggtaggcg	attgcttcat	ttacacaagt	tctgtgaaca	gattaaatta	1740
ttatgttgga	ggagaaatag	tcaccattgc	ccacttggac	aggacgatgt	atctcctagg	1800
ctacattcct	aaagacaaca	ggctttatct	gggggataaa	gaattgaaca	tcattagcta	1860
ttccctgctg	gtttcagtc	tggaaatacca	gacagctgtc	atgcggagg	acttttagcat	1920
ggctgataag	gtccttccta	ccattccaaa	agaacagagg	accagagtgt	cacacttttt	1980
ggaaaagcag	ggcttcaagc	agcaagctct	tacagtatcc	acagatcctg	agcatcgttt	2040
tgagcttgct	cttcagcttg	gagagttaaa	aattgcatac	cagttagcag	tgggaagcaga	2100
gtcagaacag	aagtggaaac	aacttgctga	acttgccatt	agtaaagtgc	agtttggcct	2160
agcccaggag	tgcctgcac	atgcacagga	ttatgggggc	ctgctgcttt	tggccactgc	2220
ctctggaaat	gctaatatgg	tgaacaagct	agcagagggt	gcggagagag	atggcaaaaa	2280
taatgtggca	ttcatgagct	actttttaca	gggcaagggt	gatgcctgcc	tagagctctt	2340
aattagaact	ggacggctgc	cagaagctgc	cttcttggcc	cgaacttact	taccagtc	2400
ggtttcaagg	gtagtgaaac	tctggagaga	gaatctctca	aaagtcaatc	agaaagcagc	2460
agaatccctt	gctgacccaa	cagagtatga	aaacctgttc	cctggattaa	aagaagcctt	2520
tgttggtgaa	gaatgggtga	aggaaacaca	tgctgatctg	tggccagcca	aacaataccc	2580
acttgtcacg	ccaaatgaag	agagaaatgt	catggaagag	ggaaaagact	ttcagccctc	2640
aagatctaca	gctcaacagg	aacttgatgg	gaaacctgct	tctcctactc	cggttattgt	2700
ggcctcccac	acagccaaca	agaagaaaa	gagtttactc	gaactagaag	tagatttgga	2760
taatttgga	ttagaagata	ttgacacaac	agatatcaat	ctggatgaag	atattttgga	2820
tgattgactg	taatgctttc	catttacctg	actaaacaga	tcattattat	atataggtat	2880
tgattgctac	cctgaccaca	gtgctttgga	ctatgagaaa	cttcttagat	ttttatatgt	2940
aaatgctgtg	gaccactggg	agcacaatgc	ccacatcatc	ttaagaagag	tttatgtgca	3000
gcattttaat	cactgtgttt	tccttggttaa	ctaaaacaga	catgggcttt	gatttttttc	3060
atactattag	accatatctc	ataaaacctt	ttgaattaat	gaaggactt	gtttcccttc	3120
tcaataatga	aaataggctt	ctagttttag	aaggctgagc	cgaaactaca	ccttgcctag	3180
ggatcagccc	cactgtcttt	tctttgtata	actaaatctg	cattttcaaa	tgttgtcaat	3240
cacatttttc	ttagagctga	atatccaggc	tgtaattctc	taaacctttt	ttcttgacct	3300
cattgcatca	ttccacaggt	cttgccccga	ttttgtctag	cagctaccca	tttctggagt	3360
caggatgtga	aacctctgtt	cctctgacct	cattaagctg	ggggtctgtc	taagttaacg	3420
tttgccctat	ttggtaacac	aaaaacacac	cagacttttt	aaccgtacgc	tcacttaaca	3480
tgatttgaga	aattcataac	caggcactca	aatatccttg	tagcctacga	aaagtgagta	3540
gggtaataat	ttttgctttg	tagggagaa	tacaaattga	tatcttttaa	tctggccatt	3600
ttttaacatt	tagctcaata	ttaacagaga	aagtgggtag	gtccagtatt	tagtaaaata	3660
aatgtatttt	taaaatattt	ttaggaagct	gcagaatggc	gactgagtgc	ttcttgataa	3720
gtctgcaggt	gttagttcta	tataggctcc	ctttccgtgc	ttctgttttt	gcaaagacct	3780
ttgattaaat	ttatttccct	cagcagcctg	atccttggcc	ccttgagccg	actggccatc	3840
tgggatggag	cacgtgatac	agctgggacc	aagttggttg	catcatcgat	taaagctctc	3900
tgaatctggg	tcaatcagca	aacctcaat	ctttttatta	tttacaata	accacacct	3960
ttccaccaaa	gtatcttggt	gaacgtaaaa	ggtcatat	ttcacgttta	tctatatctt	4020
cataggtctt	gtgatgaacc	tatccacata	aaatgcaact	cttcagaaac	atgaaaataa	4080
gaagtatgca	gcattattca	acgtacactg	attagcatga	gtgctgcca	agcaagtaaa	4140
accaggtcta	cttacagttg	cctccatata	attaaccaat	tggatgatt	taaaccattc	4200
ctagtacaac	ccaccttagg	tgggaaggag	gattctatta	agaaagaatt	ttggccaggt	4260
gcagtggctc	atgcctgtaa	tcccaacact	ttgggaagct	gaggttggag	gattgcttga	4320
gcagtcctca	tctctaggaa	aattttttta	aaaattagct	gggcatggca	ggccacagaa	4380
taagaccctg	tctttaaaaa	aattaaaaga	gaagaatttg	tctaaatgac	agcaagtctg	4440
tgccttctcc	actgtagaag	tatgtggcag	cctgaagcaa	aataccaaac	atttatagcc	4500
atattaagta	ctttttggca	ggccaactac	aatttattaa	gcaccgatta	tgcataataga	4560

```

gaccactgga aataatgtag caccacttc ttggtcacta tggcagaaaa gaaatcaagt 4620
attttttcac tactctccct tccccctatc cctcccccca tcaactaccc tattctacca 4680
gctagcccat tccatcttat taactaaagg tccttcagtc ctccctccag attgatcttc 4740
ctaaatgaag gttctgatgg gggcattcct ctgttcaaaa ggctttcaaa ggtctgctga 4800
ctgaattcca gattcctcag cctagcatct gaggtcacct atgatgtggc tacatccacc 4860
ttcctaactt aatctttaat cactccccta catatgcatg gcatatataa gcaaaccaga 4920
tcaactggcg tttctcaagc ctcccttttt cctgcctgtt gcttatactg ttctctctac 4980
ctgaaacacc tcaccagct ccacctgcca caacatttcc tgcacttcta gaaccctcct 5040
ttacacccct atgaaggctt tcttcaaaga atttgtaatc ttctcttagt gtctagcatt 5100
ttaggcctga ggagataatt atttgataac ttactagcac ctttccccac agccatatcc 5160
ggactgctgg ctttggcaca gcatactcta tcctagtctg tggcatcacc tatactaccc 5220
aagataatac cttacacata gaaggtaata atgaatactt actgagctgt aagacaaaca 5280
cactgtactt cagcaaaaatt ttagtaaata atttgattcc tatacggtaa actgaaaaga 5340
gaataggctt tgtcatcaaa cttgggtcct aaccctacca cttagtagct atgcaacttt 5400
cagcaagcta cttaactcta caagcttaaa ttccctcatc tttaatcaag ggttggtgtg 5460
attataaaat atatatctgg cacacaactg tactcaatag attttcaggt atttctcttc 5520
cctttccctt gtatcaaaac ttacaacgaa attcattgag ctagattaaa aatcttactc 5580
ataaccatac ttaagcctat attttagaaa ctaaaatcta ctcaccctga tatactctgt 5640
ggaatctggc tcaaactggg caaagcagag attgaggaca tcaacatgcc tgtcctggct 5700
atacatagtc taaaaccaca cagcagagtt agcatcacat gagaacactg aagttcagca 5760
cctgtcctga tgtcatgaca ggccctgcca cccacatact ggccactctg tgctcctcaa 5820
gaagcataaa gaaagaacac aggctttgta attgtcacac ctagattcaa attccagtta 5880
agccaattat gagagaaccc tagtacaacc catcttggtt ggtaaggagg attctattaa 5940
gaaagaagtc ggccaggcat ggtggctcac gcctgtaatc ccagcacttt gggagtcgga 6000
ttgcgggggg ggggtgcgaat cccgagggtca ggagttcaag accagcctgg ccaacatggt 6060
gaaaccggac gcgtggg 6077

```

```

<210> 7279
<211> 2942
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2943)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (222)...(1640)
<223> similar to gil83298 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7279
ggaattccag agtctggggt ccctggactg agccatcagc tgggtcactg agacccatgg 60
caaggaaaca aaataggaat tccaaggaac tgggcctagt tccctcaca gatgacacca 120
gccacgccgg gcctccaggg ccagggaggg cactgctgga gtgtgaccac ctgaggagtg 180
gggtgccagg tggaaggaga agaaaggact ggtcctgctc gctcctcgtg gcctccctcg 240
cgggcgcctt cggctcctcc ttctctacg gctacaacct gtcggtggtg aatgccccca 300
ccccgtacat caaggccttt tacaatgagt catgggaaag aaggcatgga cgtccaatag 360

```

```

accagacac tctgactctg ctctggctctg tgactgtgtc catattcgcc atcgggtggac 420
ttgtgggggac attaatgtgt aagatgattg gaaaggttct tgggaggaag cacactttgc 480
tggccaataa tgggtttgca atttctgctg cattgtgat ggctgtctcg ctccaggcag 540
gagcctttga aatgctcatc gtgggacgct tcatcatggg catagatgga ggcgtcgccc 600
tcagtgtgct ccccatgtac ctcatgaga tctacccaa ggagatccgt ggctctctgg 660
ggcaggtgac tgccatcttt atctgcattg gctgtttcac tgggcagctt ctgggcctgc 720
ccgagctgct gggaaaggag agtacctggc catacctgtt tggagtgatt gtggtccctg 780
ccgttgtcca gctgctgagc cttccctttc tcccggacag cccacgctac ctgctcttgg 840
agaagcaca cagagcaaga gctgtgaaa ccttccaaac gttcttgggt aaagcacacg 900
tttcccaaga ggtagaggag gtcctggctg agagccgctg gcagaggagc atccgcctgg 960
tgtccgtgct ggagctgctg agagctccct acgtccgctg gcaggtggtc accgtgattg 1020
tcaccatggc ctgctaccag ctctgtggcc tcaatgcaat ttggttctat accaacagca 1080
tctttggaaa agctgggac cctccggcaa agatcccata cgtcaccttg agtacagggg 1140
gcatcgagac tttggctgcc gtcttctctg gtttggctcat tgagcacctg ggacggagac 1200
ccctcctcat tgggtggcttt gggctcatgg gctcttctt tgggaccctc accatcacgc 1260
tgaccctgca ggaccacgcc ccctgggtcc cctacctgag tatcgtgggc attctggcca 1320
tcatcgctc tttctgcagt gggccagggtg gcatcccgtt catcttgact ggtgagttct 1380
tccagcaatc tcagcgccg gctgccttca tcattgcagg caccgtcaac tggtctcca 1440
actttgctgt tgggtcctc ttcccattca ttcagaaaag tctggacacc tactgtttcc 1500
tagtctttgc tacaatttgt atcacagggtg ctatctacct gtattttgtg ctgcctgaga 1560
ccaaaaacag aacctatgca gaaatcagcc aggcattttc caaaaggaac aaagcatacc 1620
caccagaaga gaaaatcgac tcagctgtca ctgatggtaa gataaatgga aggccttaac 1680
aagtttcctc ctccacgttg gacaattatg tcaaaaacag gattgtctac atggatgatc 1740
tcacttttca ggaaacttaa aattttacca ttattgggaa gcttaaatga attgaagcta 1800
tgcaagtctt ttatattatt aaatatattaa aagtaaacct gtactaatct aacattgcaa 1860
ctgtgttagc attattcaca actgaatctc ccaaaccctt ctggaagctg caaggaatca 1920
ctctatgttt cagtagaccc agcgttcttc tatataggta gatgacctgc cttcttcatg 1980
actcaaccca tgatttcaaa atgaaattgg ggaaatagta ggttaatgct ttatcaaaga 2040
aaaatcaatt tgggtctgata ggggactcaa cggattagag atcacagact gaggttctag 2100
tcccagcttt accacaagca gccttgacct gccctcaacc tgggtcccag tgcctcaatg 2160
accctagggt tccatccctg atataggctt tcagaagtca gtggaaagat tattcatagt 2220
gcctaagaaa tgctgtttc caatatattga ccttgtggat ctcaggcttt ggagagccta 2280
ataccaacac accagcctgc agattttgtc tttccaaac tgtgttccag gaatgggctc 2340
aaaacttcag ggctgacgct gtcctcacc cagactatta gagtcctgtg tgctcacaga 2400
gaacatgaag aaggagcaat gtgtagaaga cttaactttc tcataactgc agcagggact 2460
gaaaattgac ctccatccaa atgaaaaata atgtttgang gatgattcta aagctaaacc 2520
ctaggcttgg tgggaaaaaa aaaaaattgt gattaattgg tgatctctgc cacaagtgtg 2580
gggctcagag tgtcagcaca tgtacctcat gtttaccaag tctagaagag atttctctga 2640
aaaggtaatg agctgtcttg aaaaatgggg agttcaccat cactcaaagt gctcaaggga 2700
agactgggtg attactcatc ttgactgttg ctaagaaaat ctgtgtcaac tttggaggaa 2760
ggtgttttga atagatatgt tgaggggctc ttctaactct tacatgctaa agttgtttga 2820
gtaagatcta cttacagcct gccatcgtaa tgtgtggctt gtggtttggg cgatttccta 2880
tacttgcttc taaaatgaaa caacgtgtcc taaagtaaag taaagtgcac ttgaattagc 2940
aa 2942

```

- <210> 7280
- <211> 1807
- <212> DNA
- <213> Homo sapiens
- <220>
- <221> misc_feature
- <222> (59)...(1629)

<223> similar to gi5531813 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7280

ccgcctcagc	cgctcgcac	atttagtctt	gccgggagtg	gtgtgattcc	cgaccaagat	60
ggcgcccggtg	ggcgagtcg	gtcccttcgg	ttcttctccg	ccgggattat	cctcgactta	120
cactggcggc	cccttgggca	acgagatagc	gtcgggcaac	ggtggcgccg	cggcaggcga	180
cgacgaggac	gggcagaacc	tttggtcctg	catcctcagc	gaggtctcca	cccgtctcgcg	240
ctccaagctc	cctgcgggga	agaacgtgct	actgctgggt	gaagatggag	ctggaaaaac	300
aagcttaata	agaaaaattc	agggaataga	ggagtataag	aaaggaagag	gattggaata	360
tttgtagctta	aatgtgcatg	atgaagacag	ggatgatcaa	acaagatgta	atgtttggat	420
cttagatgga	gacctatatc	acaaaggcct	ccttaaattt	tcactggatg	ccgtatctct	480
gaaggatact	ctagttatgc	tggttgttga	catgtcaaag	ccttggactg	ctttggattc	540
tttacagaaa	tgggcaagtg	ttgttagaga	acatgttgac	aaactgaaaa	tccctcctga	600
agaaatgaaa	caaagtgaac	aaaagttgat	tagagacttc	caagaatatg	tagagccagg	660
agaagacttc	ccggcttctc	cccagagaag	aaatactgcg	tcacaagaag	acaaagatga	720
cagtgtagtt	ttacctctgg	gtgcggatac	acttacacat	aacttgggca	ttccagtact	780
agtagtttgc	acaaagtgtg	atgccattag	tgtattggag	aaagaacatg	actacagaga	840
tgaacatttt	gattttattc	agtcacatat	ccggaagttt	tgtttacagt	atgggtgcagc	900
acttattttac	acttcagtaa	aagaaaacaa	aaatatagac	ttagtatata	aatacatcgt	960
tcagaaacta	tatggatttc	cctataagat	tcctgctggt	gttgtggaaa	aggatgcagt	1020
atattattcca	gcagggtggg	ataatgataa	gaaaatagga	atattacatg	aaaattttca	1080
aacattaaaa	gcagaagata	attttgaaga	catcataact	aaaccacctg	ttcgaaagtt	1140
tgtacatgag	aaggaaatta	tggcagaaga	tgatcagggtg	tttcttatga	agctacagtc	1200
ccttttagca	aagcaaccac	caactgcagc	tgggaaggcct	gtggatgcct	caccaagagt	1260
cccaggaggc	tccccacgaa	caccaaatag	atctgtatca	tctaattgttg	ccagcgtgtc	1320
acccattcct	gctgggtcaa	aaaaaattga	tccaaacatg	aaagctggag	ctacaagtga	1380
aggcgttctg	gcaaatttct	tcaacagttt	gttgagtaaa	aagactggct	ctccaggagg	1440
ccctgggtgtg	agtgggtggt	gccctgcagg	tggggctgga	ggtggaagca	gtgggtttacc	1500
accatccacc	aaaaagtcag	gccagaagcc	tgtcttagat	gttcatgcag	aactagacag	1560
aattacacga	aaaccagtta	cagtttctcc	cacaacacct	acatctccta	cggaaggaga	1620
agcttcttga	agataccaaa	taaagccatt	tattctgttt	tctgggataa	tgtaaacatg	1680
cctctgcctt	ttccttcaaa	agtggaatta	gaaagctgga	gtgcttcttc	agatggacta	1740
aatttatgtc	gtgtgtgtgt	gtgtgtgtgt	gtgtggttac	ccatttttta	gaaggagccg	1800
atgtatt						1807

<210> 7281

<211> 1212

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1058)...(521)

<223> similar to gi3860093 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

09433725.01.21.00

```

<400> 7281
ttttttttttt ttcataatttt agtagtttta tttcccctat gagaatctcc cctgccctag      60
ccccttcttc ctgcactctg gaacagagcc tctggcattc tgtccaagct ctgtctctaa      120
gggccacttt cccttttctg gcttttagtat tcccaaaggg ttccctctggg ctgtgcctcc      180
tttccttggt tcacatggga gggggcttcc ctgtttcaga agtcccttat gggagaaata      240
gagatccaag tttcacttca cttttttcag gcagttctgt ttctgtctct ggggctggag      300
tgggagagag gcctcaccct tcagcattgc tccttctcca ctagctgttt ggggggtgggc      360
tggtctcaga gtcaaaagca ctcttgaggaa ggaatgaagc ctgaagattg aaaagtgtta      420
gtgccagggt agcagggtta ggaagcccat tatctgtgtt ttctcagtca accattttgt      480
caagggtgaa tgtgctaggc tcagggtctc cagagcttcc ctctgtctag cagcttcctg      540
agtccgtcac agatcttgcc aagggtgctga gtgaagtcag gcccatagag ggccgtgagc      600
agacctgggt cagagaagtg atcaaacacg tggcggatgc ggccatgtga cttgggcgtg      660
agggtggtgt ccaccaactc tagcagcaca tcccggcact cggtcagcag gccagccaga      720
acagcagcct cgaagggtgaa gtctacctca ccaaagctaa gtgccgtcat ggcacctgc      780
cgcagcttct ggcgaaagcg ggtagccagg gccagctcac tggggccaaa ggagccattg      840
cgggtgcagca cagccacctt gatggccact ttgatcagggt ccttgatcac gcgctgggcc      900
tggggcccgc tgtgcgtgta ctcttggac acacggtaga gctcatctag cacctcactg      960
cttgtctcat ctatgaagag atgagccaca gagcgaccgc ccatcttact cagtagcttc     1020
ttctctgctt gcagtgccag gctctttgag ctgaaggact ccatgggtcc tggagagtgg     1080
ggtatgtggt cagtcactgc tgtgctgggt gccagtcctg ccttgatgt tcccggaaag     1140
cttacagaat ggagaagcgg acgcgtgggt cgcgccgggg tttccgaacg ggtatcaaaa     1200
agggttttca aa                                     1212

```

```

<210> 7282
<211> 3175
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2435)...(1492)
<223> similar to gil313934 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7282
gaagcatggg tccttttagaa cgggcccggcc cttttttttt ttttgctgtc cttttaaatt      60
ttaataaaat agattaattt catattacat agagagcaag tccatccatt catccgtgat      120
aaaatttttag aaatattttc tataaaatgt ttagtattta attggaaatg aatccagtat      180
aacatgactt ccacagatac agcattccca tcctcactcc cattcctatt ttgagaaatt      240
ttaaaaatac agaaaagtac aaaaaataag acaagatata cctataccac aatccagaat      300
caatcagtat cttcttatat ttacttgaag tcttttgaaa gagaagtgga tgtttatata      360
aaaagctgaa gtccccttta accaataccc atcccacctc ccacactcat tattttccct      420
tctccactct tcacagggtga ccactatcaa gagtttggtc tgtatccttc caatccgttt      480
caaaaacatg tacatacata tatgcatcca ttaccaatag atagtactga gttttatgag      540
gaaactttta attcaaattt acaaaaaagt cattgtacta tctgtatcat tctgcaactt      600
gatccccctt caacaattct gggatctttc tgttaataca tgtggatttc atttgttgca      660
ttttacagat atatagtatt acataagaat ttcccatatt gtctgtgatg ggctttctca      720
gttgtttcta atttttggct actacaaatc aagccacagt aaatatccta gtgcgtattt      780
cctgagcatt catactcata agtagaaccg ctaagtattt ctcaaattgt tccaaggaaat      840
gtttccctat tcccaaggtc atatgcattt tagtacatag cttttccata tttctgtttt      900

```

taatctctgg	attcactttt	gtgtatagtt	catggtctat	ttttccccct	tggagaacaa	960
actacctcca	cttaaaaaaa	atagttccat	tatttccctca	tttccctgatg	ccacttgtat	1020
catattccaa	attctaataa	atgcataggt	ctttttttga	aatctcttct	gctctgctca	1080
atcaatacca	caggagtctt	aatattagtt	gtagatgacc	atgtcatcta	tttttgctcg	1140
ttcctttcca	atattttacaa	cttaattttt	cttggtactg	gcgaagatct	ccagatctat	1200
ggtggtagca	ataaaaaaca	ggcctccatt	ttctgttccc	acttttagtg	aaaatgtgcc	1260
taaactttca	ccattatctc	tgctgcaggt	ttctctgttg	gacacagggg	tttaatcata	1320
tgcatgtctt	tctcttcagt	acaaattttc	tggtgtccct	taagttttta	gtacttggtta	1380
aagttaacct	cattcgtggt	gctttgcttc	agaaggatta	tttctggggc	atgatgaggt	1440
gcaaattttct	aatgaaagct	ttcccacttt	caaggctttc	atggggtttt	tagtgagtat	1500
gaattttctg	gtgtctaata	tggtgtgact	tctggctgaa	agctttccca	cattcactgc	1560
actgataagg	cttcttacct	gtgtgtattc	tcaaatgcag	agcaagggtt	gagaactgag	1620
agaaagcttt	cccacattca	ttacaaccat	agggtctctc	ccctgtatgg	cttctcacat	1680
gcacagttag	agatgagctc	tgagagaagg	cttttccaca	aacattgcat	tcgtaagggt	1740
tatcacctga	atgaatcctc	acatgtacaa	taagtgatgt	tcgctgagag	aaggcttttc	1800
cacattcggt	acattcatag	ggtttctctc	cagtgtgaat	gttctgatgt	tttatgaggt	1860
acttcttctg	gccaaaggct	gttccacatt	cactacattt	aaaaggcttc	tctccaatat	1920
ggattttctc	atgctcagta	aggttggatt	tgccactgaa	ggtttttcca	cactccttac	1980
atacaaaggg	cttctctcct	gtgtgagttc	tctggtgtct	gatgagggtt	gacttctgaa	2040
tgaaagcttt	cccgcaatct	ttacactcaa	aagggttttc	tccagtgtga	attttctggt	2100
gcgtaaggag	gttttccttc	tggctaaatg	attttccaca	ttcattacat	tcgaaaagct	2160
tctcgccagt	atgggtgttc	tgatgtttta	tgacatactg	cttttggcta	aaggcttttc	2220
cacactcggt	acattcaaaa	ggtttctctc	tcgtgtgaaa	atgctcatgc	tcagttaggt	2280
ttgatttggt	gctgaagact	tttccacata	ccttacaggc	aaaggggttt	tccccactgt	2340
aaattttctg	ctggctgagg	tgtgacatct	gaatggaagc	tttcccacat	tcacaagggt	2400
tctctccagt	aaaaatttct	tgatgagtga	ggatttactt	ttggctgaag	atatttccac	2460
atctcttaca	tttataaggc	ttctctgtgt	atgatctccc	aaatgcagag	taagggataa	2520
ggtttgagag	gaaatgttat	catactcagt	atattcaatg	ctttctctct	agaaaaattt	2580
tctaataattc	aatgaagtat	tgctaccttc	actagtttct	ctccagcatg	aattttctgc	2640
ttctcaatga	gattgtcatc	tagctaaggg	cttgtcaata	ctccttagaa	gcacagggtt	2700
tctcttcagc	atgacttgca	cgttcgacga	aatgcaacat	atgagtaaca	gttcccccac	2760
attcagtaaaa	ttcatagggt	ttctctccag	tatgaacact	ctggtaacag	atgagggtaca	2820
aacgttttaa	accaaagaca	tttaccttta	aaggggggtta	ataccataag	gagtaagctg	2880
tggtagagaa	gctcccaact	aagtcccttg	atgattcttt	cctacacaa	ctccctcatg	2940
atttcagtcc	agggttggtt	tcaaactgaa	aacttcaaaa	aggtgtggcc	ttaaaacaaa	3000
tacgatctga	gaacagagga	agtatttttt	cttatattca	acgctctttt	tctcagtctt	3060
tcttgagat	ggatcaacat	gcctcccaag	tcttggtgcc	tctcaagtcc	tggtgectct	3120
ctatctgtgc	atcatcttct	caggcttctt	ccgcgcagat	ccttcccact	tcttt	3175

<210> 7283

<211> 3950

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3951)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (68)...(1774)

<223> similar to gi5912126 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7283

catcgcccca	cctccggtcg	ctggacgtgc	tctcgcgtac	ctccgccttt	cgtaagtccc	60
cccgctcgc	atgatggctg	cggtgccgcc	gggcctggag	ccgtggaacc	gtgtgagaat	120
ccctaaggcg	gggaaccgca	gcgcagtgac	agtgcagaac	cccggcgcgg	cccttgacct	180
ttgcattgca	gctgtaatta	aagaatgccca	tctcgtcata	ctgtcgtctga	agagccaaac	240
cttagatgca	gaaacagatg	tgttatgtgc	agtcctttac	agcaatcaca	acagaatggg	300
ccgccacaaa	ccccatttgg	ccctcaaaca	ggttgagcaa	tgtttaaagc	gtttgaaaaa	360
catgaatttg	gagggctcaa	ttcaagacct	gtttgagttg	ttttcttcca	atgaaaatca	420
gcccttaact	accaaagtat	gtgttggtccc	cagtcagcca	gtggtggagt	tggtgttgat	480
gaagggtttg	ggagcctgca	agttgttgct	ccgcttggtg	gactgctgct	gcaaaaacttt	540
tcttttgact	gtgaaacatc	taggtttgca	agagttcatt	attttaaaacc	ttgtgatggg	600
tgggctgggtg	agcaggttat	gggttctcta	taaaagtgct	ttaaaaaggt	tgattttggt	660
atatgagcct	ttgtttggat	tgttcaaga	ggtcgtctagg	attcaaccaa	tgcccttactt	720
caaagatttt	acctttcctt	ctgatatac	tgaattttta	ggacagccat	attttgaagc	780
ctttaagaaa	aaaatgccta	tagcttttgc	agctaaagga	ataaataaat	tgctaaataa	840
actgttttta	ataaatgagc	agtcaccaag	agccagtga	gaaaccttgc	ttggaatttc	900
aaaaaaaaagct	aaacaaatga	agatcaatgt	acagaataat	gtggatcttg	gacagccagt	960
aaagaataag	agagtcttca	aagaagagtc	atcagaatgt	gatgtgaggg	ctttctgcaa	1020
ccagctgaaa	cacaaagcta	ctcaggagac	cagttttgat	tttaaagtgt	ctcaatccag	1080
actaaagaca	accaagtatt	cttctcagaa	agtgatagga	actcctcatg	ccaaaagtgtt	1140
tgtgcaaaga	ttccgagagg	ctgagtcctt	cacacaactt	tctgaagaaa	tccagatggc	1200
agttgtatgg	tgcaggagca	aaaaactcaa	ggctcaggcc	atttttctgg	gtaacaaaact	1260
tcttaaaaagc	aaccggctta	aacatctgga	agctcaaggt	actagtttgc	caaagaaaact	1320
agagtgcata	aaaacgtcta	tttgcaacca	ccttcttcgt	ggctcaggta	tcaaaaacttc	1380
aaagcatcat	ctgagacaga	gaagatcaca	gaataaattt	ttacggagac	aaaggaaacc	1440
acagagaaaag	ttgcagtcga	ctcttttaag	ggaaattcag	cagttctctc	aagggactcg	1500
gaagagtgtc	acagatacca	gtgctaagtg	gagactctca	caactgtactg	tgcatagaac	1560
tgatctctac	cctaacagta	agcagctctt	gaatagtgtg	gtttcaatgc	ctgtcataca	1620
aactaaggag	aaaatgattc	atgaaaatct	tagaggcatc	catgaaaatg	aaactgattc	1680
gtggacggtg	atgcaaataa	ataaaaacag	tacatcagga	accattaagg	agacagatga	1740
cattgatgat	atttttgctt	taatgggagt	ttagatgttc	gttcatatgt	gagactttta	1800
agtgattaac	aaggctagtt	cagtgttcta	agtagaactg	ctaagatctg	gaagtaccac	1860
ctggactcac	agaggagctg	ctttagtgtc	gcattgcaca	ggagttcatt	tcagttcagt	1920
ctacatttaa	agtagcattg	tgtcatttca	tcaacaagta	tttctttttt	ggcttcaact	1980
acatgtcagg	tgttaatatg	aaaaatctgc	cacagcctac	ccttgagaag	cagatgtaat	2040
tccttgagtg	aggctagtaa	gtctctgaaa	aactgaataa	ttttatgact	tactaggcaa	2100
tttaataatc	gtttgcaaaa	accatttgtt	cttgaggtaa	atgaggagcg	ggggtgggag	2160
atagcaagga	aacacctgaa	aggtcaatgt	ggtcttattg	gctccattat	acatagggtcc	2220
gcctctgaat	actaaagttt	gtagctcctg	acatttatgt	tttcttggtt	atatgttgga	2280
attgatcaac	aaggtttgcc	actgcttgta	ttaccaggga	ctggttacaa	ccattatttc	2340
tcttcatttg	cttgggttat	ctcatattaa	agtgtgtttg	gagttctcca	aaacgtttta	2400
attttattta	tttgggtacc	agtgtttgat	tccaaataaa	cctttttaca	aaaaggcaat	2460
aagggtggttt	atgggttacct	atgaaatata	ataggataac	aggttagatga	gaaagtaaaa	2520
tgaaaaaatg	aggttaggag	atacaaaagta	gacccaggaa	tgaggctaga	acatttataa	2580
tttgggtgtg	atgctgtcat	ctgatagggg	atgttgctcg	tactgttgct	ctgagggggag	2640
tacatcttga	gtattttcaa	ataatgatgt	gaagtttgag	gtaggatatct	ttccaatggt	2700
ctaactttac	tagaattagg	ttattaagct	tctctagtgc	ccttaacttt	tgttacatag	2760
agattttaag	aaaaagaaag	tagtacctta	gtatgtaccg	catccttctt	ttcctcagcc	2820
accctatcat	aacagaagtt	atttcccttc	cattctttat	ttggctttgt	tctttccctg	2880
tctgccttct	ccattttctc	agttatctct	accagtggtt	ctcaaacttt	agactttttg	2940
agaatcacct	ggtgggttgc	taaaagatgc	agattagccc	ttcccagag	actgataaac	3000
agggggccaga	aacctgcatt	tttaacatgg	agcccaagtg	attttgatcc	aggtggcccc	3060

09483725.01.100


```

caaatccagt tatataaaca ctacttttagc ttctctcctg aagccttaag taaactgggtt 3120
taattcttaa tctgtagtca gttttcatat tccttttaggc tttctaccaa gtggtagtat 3180
ccattttagtg ccttaaaata cagacaatac caaggagatt tcattctaga caagtctaga 3240
aatggccatt aacttctaag tgtccttggtg ttcaatgaat atcctttacc tattgggaaa 3300
tagaaggtaa attagtaaga gaactgggtg atagctttgt ggaccatagg gcttatttgc 3360
tgagagttgt ctatattcat gcacccagtc ccctaagtag cctcttttaa tacttcattt 3420
agctgattca gaaaaaaact ccctgggaat taggagattt aaggttcagt cttgcttctc 3480
ctacttggtg cttcactgag ctagtcagtt tcctcaggct taggtttctg gatttgaagt 3540
ggaatTTTTT caagaatgaa acttttatag ctgaaataaa ctttgagct tatctttcat 3600
tggaAAAACC aggggtggtt agtgagttaa ggacaatata gcatggactg ggctgccagt 3660
ctagcatttg tttccaaatt cattcatggt cttttggagt atcttcatct cctctcattt 3720
tcccatcttc tgccctttac tattctggga aaatggcaaa aaagcttcac atgtgtccac 3780
aaaatgacaa ttgttatgtt tataaggaaat tcagtattct gtatcagtta ctttttccaa 3840
ataaatccaa atatttaaca tttaaaaaaa tgcaatctaa agtataccaa actgtaactt 3900
acctagtaaa tgagattaga aactattgtc agggtcacgc tantgaatat 3950

```

<210> 7284

<211> 1839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (182)...(1100)

<223> similar to gil200232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7284

```

atggaacgct gtggtatcga accgcagttg cagggtcgac ccacgcgtcc gcggacgcgt 60
ggggggggtgc ggaggtgtgc agcgcgtgt cagactggct cgcaggcggc gcggccggcg 120
gaccggttcg agacagcgcg ggcggctcgg gtccctggg gctccgcagc aggaggacgc 180
catggacgac aaggagttaa ttgaatactt taagtctcag atgaaagaag atcctgacat 240
ggcctcagca gtggctgcca tccggacgtt gctggagttc ttgaagagag ataaagggga 300
gacaatccag ggtctgaggg cgaatctcac cagtgccata gaaaccctgt gtggtgtgga 360
ctcctctgtg gcagtgtcct ctggcgggga gctcttctc cgcttcatca gtcttgctc 420
cctggaatac tccgattact ccaaatagtaa aaagatcatg attgagcggg gagaactttt 480
tctcaggaga atatcactgt caagaaacaa aattgcagat ctgtgccata ctttcatcaa 540
agatggagcg acaatattga ctcacgccta ctccagagtg gtctgagag tcctggaagc 600
agccgtggcg gccaaagaag gatttagtgt atacgtcaca gagtacagc ctgatttgtc 660
aggtaagaaa atggccaaag cctctgcca cctcaacgtc cctgtcactg tgggtgctaga 720
tgctgctgtc ggctacatca tggagaaagc agatctgtc atagttggtg ctgaaggagt 780
tgttgaaaac ggaggaatta ttaacaagat tggaaaccaac cagatggctg tgtgtgcaa 840
agcacagaac aaacctttct atgtggttgc agaaagtttc aagtttgtcc ggctctttcc 900
actaaaccag caagacgtcc cagataagtt taagtataag gcagacactc tcaaggtcgc 960
gcagactgga caagacctca aagaggagca tccgtgggtc gactacactg ccccttctt 1020
aatcactctg ctgtttacag acctgggcgt gctgacaccc tcagcagtcg gcgatgagct 1080
catcaagctc tatctgtaac ctgtgagccc tttcctgcca aggtgcagct tacgtagtgt 1140
aggcaggggtg agtagctgct tgacacccca gtgagtcagg ccaaaactga gatgtgttta 1200
atgaagattt atggagtaag gacttaaaat catacatctt ggagaacctt tcttactcat 1260
ttcagtccca tctaaaaatg tgtcagctat tctaaatccc aacttaaatt gttcttacgg 1320

```

tttctagaaa	ctttcctttt	cagtttccag	aaatacaagt	tagataattg	gctacttaac	1380
tgatgaaaga	tgagcccaag	tccacctgtc	ttcatcctcc	cctgcactcc	agactgatct	1440
gcctaaagca	cgcgagatgc	aggcgaaaag	cagccacacc	cctctgccac	aatgaccaa	1500
cagctggtca	ggacgttaca	cgcggtgcct	tgtaagaggc	aagaaacact	tgccgaatct	1560
gcatctggct	tccagtggta	agcacattcc	tcagcaggat	caagccaaac	agtaaaaaact	1620
accaagagaa	cacgaggaag	gcagaaaacga	tgtttagcaa	cagtattctg	catggttcac	1680
tgcttaagaa	aatgccttct	ggaatatttg	taaaactgaaa	ttctgtatgt	gtaagagatg	1740
tttaaatatg	tttgggtcct	aaacagcttt	ttaaaattat	acttggaat	aaattcagca	1800
tcttttcaaa	taaactctat	gaaagacgca	aaaaaaaaa			1839

<210> 7285
 <211> 2006
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(659)
 <223> similar to gi4416183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7285	
cagtggaaacg	cgagcaggag attgaccgct ggaggggtgaa gtgtgtgcag gaggtggggg 60
agaagaagcg	ggagcaggaa ctcaaagcag ccgctgatgg cgtactatct gaagtgagga 120
aaaaacaagc	agataccaaa agaattggtgg acattctacg ggctttggag aaattgagga 180
aactgaggaa	agaggctgca gcgaggaaaag gggctctgtcc tccagcctca gcagatgaga 240
cttttacgca	tcatcttcag cgactgagaa aactcattaa aaagcgctct gaactgtatg 300
aagctgaaga	gagagccctc agagttatgc tagaaggaga acaagaggaa gagaggaaaa 360
gagaattaga	aaagaaacaa agaaaagaaa aagagaaaat tttacttcag aaacgtgaaa 420
ttgagtccaa	gttggttggg gatccagatg agttcccaact tgctcacctc ttggagcctt 480
tccgacagta	ttatctccaa gccgagcact ccctgccagc gctcatccag atcaggcatg 540
attgggatca	gtacctggtg ccatccgatc atcccaaagg caacttcgtt cccaaggat 600
gggtccttcc	cccgtcctcc agcaacgaca tctgggcaac tgctgttaag ctgcattagt 660
aaagatgctc	caggagtgtg gtccagccag cgctctttcc agctgtaaat attagcgatg 720
gtgccatctt	ttgctgtaga ctaaactgca acttctaaat tccatgtggc attcccctac 780
cctgaattta	tgctttcctt ctgtgctctg tgctggccag aggtgcctct tgaatcaaata 840
taatgtggtt	tttcaggaaa ggacttaggt gaactgaggt ttttaccaca ggcagtgaat 900
gaccttggtt	caccaaattt gcctctgttt tgaggggctt ggtccagagt gacttgtaa 960
tttactctaa	cttccttgtg tgttgatggg taagtacact caaacactga atacagggtg 1020
gtgatgggta	gatttcacag cccttctact aatagttagt gtgaaggcaa gcttgatgca 1080
aaacctcctg	accttctcta cctgaagagc cctttgactt ctaggaagaa aggtcaaaaa 1140
tgttatcttc	agttgtgtta atcccagttt tagtgacgct taggaggctg ctagttagga 1200
agataacagt	ggctgtaggc tgggttgcca gaaaagatgg tggcctagtc ttattattca 1260
gatggagAAC	ttagaaaacc tgaagagtac ccaaattgga ttgtatttta atggacaatg 1320
gctgtatttt	ttccatgtta gaaggatcct aatgaaagca cctgttattt ttaagtttct 1380
aagggtctag	ttgttcagaa tccccaggga tatttcctta acctcactca gtcacattgt 1440
aggagccagt	gtagctatgg aattatctta ggaactcaag cttctaaaac tatccatgta 1500
gtcaaatacta	ggggaaaaag caaataaaaa tagtaaaatt tggccgggca cagtggctca 1560
cgcctgtaat	cccaacactt tgggaggccg aggcgggccc atcacgaggt caggagatca 1620
aggccatcct	ggctaacacg gtgaaaccct gtctctacta aaaatacaaa aaaatattag 1680

ctgggcgtag	gtggtgcaca	cctgtagtcc	cagctactgg	ggaggctgag	gcaggagaat	1740
ggtgtaaaaac	ccaggaggca	gagcttgag	tgagccgaga	tcgcgccacg	gcactccagc	1800
ctgggagaca	gagcaagact	ccgtctcaaa	aaaaaaaaaa	gtaaaattta	ttttttatat	1860
tcattaataa	atgctgttgt	gcttggagat	gatcactcat	ataacatgtc	atttttttgg	1920
ttctgttttg	gtttgggttt	tgccaattat	tttggttatat	ttccaaaaaa	ctaaataaaa	1980
atcatttttta	ttttttaaaa	aaaaaa				2006

```

<210> 7286
<211> 2128
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (464)...(1314)
<223> similar to gi4929631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7286						
tcataattta	ggggtttctg	tctttttaat	gctatccatt	gagggcccga	atggaacaaa	60
acagagagac	aggagttcgc	ctccttttgt	ttttctgcct	cactgttgag	ctgggtgatc	120
tcactctcatc	tttttttgcc	cttggactgg	gacttagccc	cattggcccc	ctggttctca	180
ggccttcagc	ctgagttaca	ccaccagctt	tcttgggtct	cagtttgcaa	atggcagatc	240
gtgggacttc	gcaaacacca	tcactctgta	agcccatcc	tcctaattctt	cttttatata	300
cacaccaatt	ggttctgttt	ctctggaaaa	cctgattaat	agacctgagg	aatgaaactg	360
taacctctca	gtgggttctt	cttgcctgag	cctggcgctc	gtgtggctgg	cgcgagggat	420
gtggacgctg	cggagcccgc	tcacccgctc	cctgtacgtg	aacatgacta	gcggcccggg	480
tgggccggcg	gcggccgcgg	gcggcaggaa	ggagaaccac	cagtggatatg	tgtgcaacag	540
agagaaatta	tgcgaatcac	tccaggctgt	ctttgttcag	agttaccttg	atcaaggaac	600
acagatcttc	ttaaacaaca	gcattgagaa	atcgggctgg	ctatttatcc	aattatatca	660
ttcttttgtg	tcactctgtt	ttagcctgtt	tatgtctaga	acatctatca	atgggttgct	720
aggaagaggc	tcaatgtttg	tgttttcacc	agatcagttt	cagagactgc	ttaaaattaa	780
tccagactgg	aaaaccaca	gacttcttga	tttaggtgct	ggagatggag	aagtcacaaa	840
aatcatgagc	cctcattttg	aagaaatcta	tgccactgag	ctttctgaaa	ctatgatatg	900
gcagcttcag	aaaaagaaat	acagagtcct	tgggtataaat	gaatggcaga	atacgggggtt	960
ccagtatgat	gtcatcagct	gcctgaactt	gctggaccgc	tgtgatcagc	ccctgacttt	1020
gttaaaagat	atcagaagtg	tcttggagcc	aactagaggc	agggtcatcc	ttgcccttgt	1080
cctccccctt	catccctatg	tggaaaacgt	aggtggcaag	tgggagaaac	catcagaaat	1140
tttggaaatc	aaaggacaga	actgggaaga	acaagtgaat	agtctgcctg	aagttttcag	1200
aaaagctgg	tttgttatcg	aagctttcac	cagactacca	tacctgtgtg	aaggcgacat	1260
gtataatgac	tactacgttc	tggatgacgc	tgtctttgtt	ctcaaaccag	tataaacacg	1320
tggaggtcga	agtcttcaga	gtccgcaccc	tccgggatgt	gcccttgga	gagggctgtg	1380
gttcacaatt	acgtgaagg	aggacccttg	gggaccgcca	ttctaaatat	catgtaggaa	1440
tttaaaaagc	caaaatacta	attatttctt	tgtagtgtgt	aaaggaatgt	ttttaaaaga	1500
caaaaaccca	actctttgtg	gattttttatc	aactctttac	tcagagccac	tctccaatgc	1560
aggtcacact	ccaattatga	tggagatat	tttttatact	taattgcagt	agggactcat	1620
tcccagacaa	agcaatagtc	acgacttcat	ggaaccaatc	aatggattgt	tttttgaaga	1680
ctggcaataa	agctgtccat	tcaattccaa	atactggttt	taaggatatag	ccactgatat	1740
tctttcatgt	ttagaaattc	tttctgttat	tattcaagaa	aatgttttta	atcatgctaa	1800
taaacttttt	tggagatgac	tttggcatca	tgtttgaatt	catataaagc	tcccctagca	1860

05433235.04100

ttttttattg	gtttggcttc	aggagtaccc	aaatagtagc	attatgagaa	tgacgcagac	1920
aatttgaata	ggggggaagg	aaggcttcag	acttggggga	aggggagatt	attgcaaatt	1980
gcagtgaaca	ctgagtcagt	aaaaaaaaa	aacagaaaca	agatcaccca	gcaccccttc	2040
ccaccccagc	tgtgtattta	tatagaggga	aataactttt	atattttgta	tcacggggcc	2100
tatagccgct	gccaccgtgt	ataaatct				2128

<210> 7287
 <211> 2503
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (250)...(1307)
 <223> similar to gil628559 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7287						
accacccgca	cctacagggc	ggtcgagtga	gggagctgct	ggcgggtggg	tctggcaact	60
ctttgggagg	ccgacgcggg	cggaccggcg	ggtgctggga	accgagcctc	ggcttgcggc	120
cggcagtttc	cgtgggtctg	tgaagaggtc	ggcggccccct	gcgggcgcca	gtcagcttta	180
agaaaaagta	gagatcactt	ctgactgtac	tgaacagcaa	aaattaagtg	acttgcctgcc	240
ctgcacatca	tggcactgcc	attccgtaag	gacttagaaa	agtacaaaga	ccttgatgaa	300
gatgagctcc	ttgggaatct	gtcagaaaca	gaactgaaac	aactggaaac	tgttttggat	360
gatcttgacc	ccgagaatgc	ccttctgcct	gcagggttcc	ggcagaagaa	ccagacatca	420
aagtccacca	cagggccatt	tgatagagag	catctccttt	catatctgga	gaaagaagca	480
ttggagcata	aagacaggga	agactatgtg	ccctacactg	gagaaaaaaa	agggaaaata	540
tttatcccca	aacagaaacc	tgtacagact	tttacagaag	aaaaagtgtc	tcttgatcca	600
gaattagaag	aagctttgac	aagtgccttc	gatacagaat	tgtgtgacct	cgcagcaatt	660
cttgggatgc	acaatttgat	aacgaataca	aagttctgta	atataatggg	aagtagtaat	720
ggtgttgacc	aagaacattt	ttcaaagtgt	gtcaaagggt	aaaagattct	tccggtatct	780
gatgagccac	caaatccaac	caatgtagaa	gagagtttga	agagaactaa	agaaaacgat	840
gctcatcttg	ttgaagttaa	tttgaataat	ataaagaata	tcccaattcc	aaccctaaaa	900
gattttgcaa	aggcttttga	aaccaacaca	catgtgaaat	gtttcagctc	tgcagccacc	960
cggagcaatg	accctgttgc	tactgctttt	gcagaaatgc	tgaaagtgaa	caaaactttg	1020
aagagcttaa	atgtggagtc	caactttatc	acgggagttg	ggattctggc	actgattgat	1080
gcgttaagag	ataatgaaac	cctggcagag	ctcaagattg	acaatcagag	gcagcagttg	1140
gggacagctg	tagaattgga	aatggccaag	atgcttgagg	aaaatacaaa	tatccttaaa	1200
tttgatatac	agtttacaca	gcagggacca	cgaaccagag	cagctaattg	tataacaaaa	1260
aacaatgact	tagtgcgtaa	gagacgagtt	gaaggagatc	accagtaagt	ctgcaaagggt	1320
gtaatctttg	gaagacttca	gaagatcacc	aagggtcatc	gttggtgaca	tcatgtaaaa	1380
ttttcctggg	tgaaggggaa	aagactggaa	aaattttttt	agtgacatgc	attttttttt	1440
tagttgttat	caaattgtaa	aatcagtaat	gtgatatttt	atattctgaa	acatttctac	1500
tttctgctaa	aatccaattt	taatttaggt	ttaattggaa	tggatttatg	gatgaatctt	1560
gggcaaaaaa	atccaactgt	aaaaaatttc	acaggtcatt	tgtgtagaat	aatttgaaca	1620
ttgtgaggac	caatcttttt	taaatcaaaa	gggatgttgc	tggtatcaga	attgatattg	1680
cttcatttac	acataaaaca	cttaagtgtt	ttcttcactc	cgtgacctgg	agagttttcc	1740
attttttaaa	atacatgaac	ttggcaaggg	tgtgattttt	ctttatcaag	agaacaaaat	1800
gccagaatgt	taaaacagtt	aactcaaaat	ctagtcatct	gtgtaggagc	taaagcaggt	1860
ctccaggggag	agagggtggt	cgtctgtgca	ttccagggtta	ctgcacttgt	ctgatgtgac	1920

0948375248450

```

gtagcaacac ccacgtcttc ttaaaacaaa gtcatacagct ttgccaggtt acatacttta 1980
tttaaaagta tagtgagggtc gaagttcatt ccagtgtttc attttaataa tgtgggcatt 2040
attaaatttt tgtggaagct aatagtaaaa aataaaagct gttttcacca cctccctccc 2100
caccccccaa aaaaggcgta cagccaactc ttagttatatt agggtaagag aaaaaagaaa 2160
actgtttaaac aatgaaatca aagataataa atatgataga tttccagtat gaggcacttt 2220
gcaaaacagt catttaaact gatgggttact gtaagtcagt tggaagctgg catgtatgta 2280
aaatttactt ggggtgttaca ccatatccgg aagaagttcc tatgtggcag tggcaggaat 2340
tgcattaaac agtattttcaa tcaactgtac aaatcttcca accaagaagg gaaaactgct 2400
attcttcata aatctaattt ttagtatatg cttcctttca tcttatactt ttatcaatat 2460
ttataaaagt catttctata ataaaagcag tctttcttgc tca 2503

```

```

<210> 7288
<211> 1458
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (435)...(870)
<223> similar to gi798961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7288
tctgaggcgc gtgcggcgcc cccccagcc tagtgctctt cttggtgcc ctggctaact 60
agggttgagaa accggcgcca caggcggcag cacctggccc ggagctggcc cgctcctccc 120
cgccgagccg gcgccccaac aacgcgccct ctcccagtc tcaaaaagg gcctagtccg 180
gcccccggt ctggccgtga gggagcgctg tggggcgcg ctgcctttct gcctggaaag 240
tgttggcagg gtggtgggag aagcgtcagg cttgaacaac atgattttaa agcacgtgtc 300
tgtctgtcgt tttttacttt tagggttttg gccaaattgg gcgagggcac aaaataacca 360
cttaccctt ctcaccgagg aagagcggga gaaagggtat ggcacagtca caagggtggg 420
tgaaaagata catcaaggcc ttttgtaaag gcttctttgt ggcggtgcct gtggcagtga 480
ctttcttgga tcgggtcgcc tgtgtggcaa gagtagaagg agcatcgatg cagccttctt 540
tgaatcctgg ggggagccag tcatctgatg tgggtgcttt gaaccactgg aaagtgagga 600
atgttgaaat acaccgtggt gacattgtat cattggtgtc tcctaaaaac ccagaacaga 660
agatcattaa gagagtgtat gctcttgaag gagatattgt cagaaccata ggacacaaaa 720
accggtatgt caaagtcccc cgtggtcaca tctgggttga aggtgatcat catggacaca 780
gttttgacag taattctttt gggccggttt ccctaggact tctgcatgcc catgccacac 840
atatcctgtg gccccagag cgctggcaga aattggaatc tgttcttctt ccagagcgct 900
taccagtaca gagagaagag gaatgactgc atgaatctac ctgagttgct ggcattggga 960
ggccagttac tggaaaggaa tggaaaaaag aagcctccaa aagggaaaaaa cttctgacaa 1020
tatgatgctg tgcgagaaat atttacagca cattaagacg atctgtatta ttaaataaat 1080
aattttcaaa tgttaaacag tattaaatgg cacctgattt tgtgttaaat tttagttccc 1140
tgttgtttaa tgcccccaa atatgcagac ctttgggaat ataaaaatat tgcaccaca 1200
tgtcttaatg gggctgaatt tcagattatt tgttacatat acttattata ttgattgttg 1260
ggttttgatt ttggtgcttg ctgctgaaat aaattgaaaa ttaattattca ataaaaatga 1320
tgtatttgtc acttgctgtt aaggtagaac aagaaggaa acatattata cacataatga 1380
tgggaattac attgtgattt gtactatcta caaaggagta actgccagtt aggaagaaca 1440
gtaaacagtg atgttaaa 1458

```

<210> 7289
 <211> 3651
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (403)...(754)
 <223> similar to gi5262651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7289

cgggagcaag	tgtgaatcat	tgccggggct	gggaaaggag	gaaggcgcat	ttaaccccct	60
cccacccctc	tccatgtccg	tgtgtcactc	ggctcggtcc	acctggcgcg	gccgggtcctg	120
gggctgctgc	tgctgttgac	gacgacgacg	acgacggggg	ctgcctctgc	tgtcccggga	180
gtttcctcct	gctccggcca	cacagctcct	ggggattgtt	cctcttcgaa	ccagaacctc	240
ggcctgaccg	gcactttggc	tccaaaataa	ctttattttt	gggggagaaa	gcacatcacg	300
aaccagtcaa	aatcgtgggt	tattttctgta	acgtgaagac	ttctgctcct	ttttctttgt	360
ttgttttttt	cgtaaacatc	tgggtgtata	tcaaacggca	agatgtccag	taatgtcccg	420
gcggatatga	taaatttgcg	cctcattttg	gtaagcggaa	aaacaaaaga	gttcctgttt	480
tctcctaacg	attctgcttc	tgacattgca	aagcatgtat	atgacaattg	gccaatggac	540
tgggaagaag	agcaggtcag	cagtccaaat	attctacgac	ttatttatca	aggacgattt	600
ctacatggaa	atgtcacatt	aggagcatta	aaacttcctt	ttggcaaaac	aacagtgatg	660
catttggtgg	ccagagagac	attaccagag	ccaaactctc	aaggtcagag	gaatcgtgag	720
aagactggag	agagtaattg	ttgtgtaatc	ctgtaaacac	tgtctgccta	gtgtgatgtg	780
atatagtctt	tgtctttcat	gctgctggga	cagaaaagac	ccgacattgc	tcagaaacc	840
gttcagaaca	gtctgcctgt	aaacacatgg	aactgaatta	ccacatgaac	actgtcatct	900
tttctcatga	aagtaaaaag	aaccaagaac	atttttcact	ctgatttttt	atttcttgga	960
ttttttggtg	agctgtttta	acacatatgg	gtttttgaat	gcagtcaatc	tccaggggaa	1020
aagttaacaa	gttatctttc	gtagcagaaa	ccattttgct	gccacaaaat	tttcatcatc	1080
agaactaata	aatcaagtgt	tccaaataca	atttgcacta	aaaagattgg	cattattttc	1140
ctcatcagca	gaatttataa	cagtgtgtgg	tatctagaaa	tacttatata	tacaattcca	1200
cactggaaga	cactcagcaa	ttaatgaagt	taattactgg	gccaaactga	gaggaaaaaa	1260
tggaaaagaa	actaaaatgt	tgggtgaatt	ctaccaaagt	cagccgtggg	ggctgcactg	1320
gcacagaata	ctaaactgag	tgtgactatt	ttcactgcaa	caaatgaaaa	aacaaaatgt	1380
gcctgtttaa	agcactcagt	agagggctga	tgaaactaat	tttttttctt	ttaagacatg	1440
cactcttgag	tcctacagta	actgagtgtt	tgttttagaca	gcacaagaag	gggtgagagt	1500
gcgtctccta	gccttaatgt	gggagggtag	tttcagtcac	tcctcggtct	tcattattgt	1560
gcagaaatat	tagaaaacct	cattgatcaa	ttttatgtat	ttgaatatca	gcaaattgaa	1620
attttccata	attatcatta	atttgtaacc	acatccagtg	tcattgcttac	tccttagagt	1680
tcagatgaat	tcttaaaatt	aaaaaaaaaac	tccatagtag	taattttgtt	tctttatata	1740
gtttgcgttt	gatattagtg	cttgcaattg	tattaaagtc	aaaagctgat	ttttatggca	1800
tacacaagaa	tgccactttt	tcttttatatt	cataccaata	atttaaagat	tgatattgcta	1860
aaaacaattt	gcacagcact	aaagcatgag	ctactttcat	ctaaacctgt	aaaaatatga	1920
aagattttta	tattttttca	ctgggaagaa	attcttcctg	gatgaaatta	caaatatgtg	1980
tagaatatat	ttaataaaaag	acttataaaa	tacctaaacta	caggacttaa	aatatagatt	2040
ggcgcgtagt	atatagaaca	atattccata	taaataagtt	tagcctttat	aaaaatgaag	2100
ttgcaggctg	acattacatt	ctgtacttac	taagtgtcaa	cagcccttac	aaacattaaa	2160
tgtaaattgg	ttcaaatggg	cagcgttggt	taaatgtaat	catgttattt	tattcattgt	2220
taatgctttg	atgaaaaggc	tttatatgca	gtagatctac	gaaaatattg	ttcatactga	2280
tcagaattaa	atttgtatag	agcagagtgt	taaaatgaat	gtaaatagca	ctaaacgttt	2340

tctttctgca	acctgtactt	acagattctt	cctgtaaaact	aaataaaaaa	aaaatgatag	2400
tgcatttttg	gggtaatttt	aaaggctctg	attagggtcaa	taattgttta	agcaccgtct	2460
cattcatggt	ttctactttc	atttcttaag	ctttttaa	tcatttaatt	aatattctgt	2520
tggtgttttg	gggagttatc	ccaatgtatc	tttgatattt	aacctgggta	atttgtggac	2580
agtcacaaca	atggatagaa	ttatgtagtc	tccgttatca	ctaaaatggt	atcttcaaga	2640
gatgttaaat	atttatatgc	tttggtgact	agctgaaaatg	tgaattctgt	tagtgttgac	2700
taaagaatct	ggtagttgct	taattgggca	attaaacaat	ttatggctct	atcttgtaaa	2760
acaaactact	ggtaattatt	tttaatacct	atcttcattc	tgattactct	ttttttaagt	2820
taaagactat	cagttaatta	agattgagtt	tttatgatgg	ttaaaaataa	ttctctattg	2880
gtttttcaat	atatttttct	gtgtgttctc	agattatata	tttccctcaa	tttagagttt	2940
gctaagtga	ataaactggg	tcactagtag	agaaagaatt	acgtcgctta	atacctaata	3000
tccatagttg	tacaatatga	aaaaaaagaa	taaaaagtag	cagtaaaatt	atatactgaa	3060
aacaccaaaa	atctagatgc	cttaatagta	tatacgtgaa	atactcagct	gtccctttaa	3120
aaataattcc	ttggactgcc	tggtgggttaa	aatacgattc	ctcatatcca	aggctacttt	3180
tgaagatccc	tctgccaaaa	atatagctca	cttatctaaa	ggtgagagct	gcatagatcc	3240
agtaatgtac	ataaagcctg	aatgatgagc	ctatgtccct	gcctaacgct	ggtgtctcac	3300
tcatctcttt	tacctaaatt	gtcctgaact	ttgttaagtg	ttctggacaa	ggccaagctt	3360
ttctttatta	aaacctcagc	atgtctccct	gatctgaact	atctgtcttc	tcttcaagat	3420
aagttgtatt	ttacatgga	aaaatacagt	atctaacatt	accattcacg	ttaaatgaag	3480
tttctcgat	aacgatttat	ctttagtttt	atgaagtcac	cgtgaccaat	gttacagtaa	3540
tttctgggta	gctgattgtg	ggtaaacaat	gtttaatgtg	aaaagaaatt	aaaactttct	3600
tcatctgttg	tagaatattt	ctcttcttta	aaatggcttc	tattcataaa	a	3651

<210> 7290

<211> 2668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (94)...(1775)

<223> similar to gi666043 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7290

atcgttcgac	ccacgcgtcc	ggttgctctt	ggtggacggg	cccagaggaa	ttcagagtta	60
aaccttgagt	gcctgcgtcc	gtgagaattc	agcatggaat	gtctctacta	tttcttgagg	120
tttctgctcc	tggtgcaag	attgccactt	gatgccgcca	aacgatttca	tgatgtgctg	180
ggcaatgaaa	gaccttctgc	ttacatgagg	gagcacaatc	aattaaatgg	ctggtcttct	240
gatgaaaatg	actggaatga	aaaactctac	ccagtgtgga	agcggggaga	catgaggtgg	300
aaaaactcct	ggaaggagg	ccgtgtgcag	gcggtcctga	ccagtgactc	accagccctc	360
gtgggctcaa	atataacatt	tgcggtgaac	ctgatattcc	ctagatgcca	aaaggaagat	420
gccaatggca	acatagtcta	tgagaagaac	tgcaaaaatg	aggctggttt	atctgctgat	480
ccgtatgttt	acaactggac	agcatggtca	gaggacagtg	acggggaaaa	tggcacccgc	540
caaagccatc	ataacgtctt	ccctgatggg	aaaccttttc	ctcaccaccc	cggatggaga	600
agatggaatt	tcatctacgt	cttccacaca	cttggtcagt	atctccagaa	attgggacga	660
tgttcagtga	gagtttctgt	gaacacagcc	aatgtgacac	ttgggcctca	actcatggaa	720
gtgactgtct	acagaagaca	tggaaggcca	tatgttccca	tcgcacaagt	gaaagatgtg	780
tacgtggtaa	cagatcagat	tcctgtgttt	gtgactatgt	tccagaagaa	cgatcgaaat	840
tcatccgacg	aaaccttcct	caaagatctc	ccattatgt	ttgatgtcct	gattcatgat	900

cctagccact	tcctcaatta	ttctaccatt	aactacaagt	ggagcttcgg	ggataaatact	960
ggcctgtttg	tttccaccaa	tcatactgtg	aatcacacgt	atgtgctcaa	tggaaccttc	1020
agccttaacc	tactgtgtaa	agctgcagca	ccaggacctt	gtccgccacc	tccaccacca	1080
cccagacctt	taaaacccac	cccttcttta	ggacctgctg	gtgacaaccc	cctggagctg	1140
agtaggattc	ctgatgaaaa	ctgccagatt	aacagatatg	gccactttca	agccaccatc	1200
acaattgtag	agggaaatctt	agagggttaac	atcatccaga	tgacagacgt	cctgatgccg	1260
gtgccatggc	ctgaaagctc	cctaatagac	tttgtcgtga	cctgccaaagg	gagcattccc	1320
acggagggtc	gtaccatcat	ttctgacccc	acctgcgaga	tcacccagaa	cacagtctgc	1380
agccctgtgg	atgtggatga	gatgtgtctg	ctgactgtga	gacgaacctt	caatgggtct	1440
gggacgtact	gtgtgaacct	caccctgggg	gatgacacaa	gcctggctct	cacgagcacc	1500
ctgatttctg	ttcctgacag	agaccagcc	tcgcctttaa	ggatggcaaa	cagtgccttg	1560
atctccgttg	gctgcttggc	catatttgtc	actgtgatct	ccctcttggg	gtacaaaaaa	1620
cacaaggaa	acaaccaat	agaaaaatag	cctgggaatg	tggtcagaag	caaaggcctg	1680
agtgtctttc	tcaaccgtgc	aaaagccgtg	ttcttcccgg	gaaaccagga	aaaggatccg	1740
ctactcaaaa	accaagaatt	taaaggagtt	tcttaaat	cgaccttggt	tctgaagctc	1800
acttttcagt	gccattgatg	tgagatgtgc	tgagtggtg	attaaccttt	ttttcctaaa	1860
gattattggt	aaatagatat	tgtggtttgg	ggaagttgaa	ttttttatag	gttaaattgtc	1920
attttagaga	tggggagagg	gattatactg	caggcagctt	cagccatggt	gtgaaactga	1980
taaaagcaac	ttagcaaggc	ttcttttcat	tattttttat	gtttcactta	taaagtctta	2040
ggtaactagt	aggatagaaa	cactgtgtcc	cgagagtaag	gagagaagct	actattgatt	2100
agagcctaac	ccagggttaac	tgcaagaaga	ggcgggatac	tttcagcttt	ccatgtaact	2160
gtatgcataa	agccaatgta	gtccagtttc	taagatcatg	ttccaagcta	actgaatccc	2220
acttcaatac	acactcatga	actcctgatg	gaacaataac	aggcccaagc	ctgtgggtatg	2280
atgtgcacac	ttgctagact	cagaaaaaat	actactctca	taaattgggtg	ggagtatttt	2340
ggtgacaacc	tactttgctt	ggctgagtga	aggaatgata	ttcatatatt	cattttattcc	2400
atggacattt	agttagtgtc	ttttatatac	caggcatgat	gctgagtgc	actcttgtgt	2460
atattttcaa	atttttgtac	agtcgctgca	catatttgaa	atcatatatt	aagactttcc	2520
aaagatgagg	tccctggttt	ttcatggcaa	cttgatcagt	aaggattttca	cctctgtttg	2580
taactaaaac	catctactat	atgttagaca	tgacattctt	tttctctcct	tcctgaaaaa	2640
taaagtgtgg	gaagagccaa	aaaaaaaa				2668

<210> 7291

<211> 2166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1886)...(1310)

<223> similar to gi3874664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7291

tttgccttaa	aatatatctt	gtttttat	ttt	tgatagt	ttt	atatgcatt	ataaaattat	60
tcaggtaatt	tataataaaa	tcgtcctagg	ttattt	taaaa	tatgccattc	gtatctaaaa		120
caggcagatc	gtttctatat	caaattaatt	agttgctatt	gtcagtttta	agaataattt			180
ctcaatttat	ctaagatgcc	taacactgcc	accatgatgt	gtagtcagga	tacttaataa			240
taccttttgt	aaaagtttagc	atztatctta	caccagctct	cttttttagat	agagaacata			300
tataagaaat	gagtaagtcg	ataagccaca	tttaaccatc	actagtgatt	gttcaatgga			360
aacatataaa	ctcaatgtaa	acttgaagtt	aattccattt	aatttacagc	ttattttata			420

atagtattttt	attaaggaat	taattttacat	atagtaaaat	cacaaatcta	aacatacagc	480
atgaggaatg	ttgacaaata	tatgcagcta	cataaccatc	atccagatca	aaatacaaaa	540
ccattttcaat	caccccagaa	aattttcctca	ggccccctttt	ccatttcaatt	tgaatttcct	600
gccctcactc	taagcagcca	ctgttctggt	atctatcatc	aaatattagt	tttgcttggg	660
agtggcttta	atataaaagt	aattagatag	tatgttatgt	ttggtttttg	ttttgctcaa	720
cttaatgttt	ttgagattca	taccagggtg	ttgcatgtat	caagcagtc	tttttttaaa	780
tgaccagtat	tccactgact	atattgtagg	tttgtctatc	cattttccta	tggatgggaa	840
atttccactg	tttacaattt	tgtgctatta	tgaataaagc	tgctatgagc	agtcattttt	900
ctgggggtata	tatctaggaa	tgaaatgggt	gaatcacaa	gtagtgcaag	acagtcctct	960
aggtggcctt	ggacaacctc	aattgttccc	cctttttcac	ttgtagtttt	caagaataac	1020
tgtactgtgt	gctgggaatg	caacatcctg	gactaagtga	ctctgagaaa	cattgtgact	1080
ttacagatga	aatcatctac	aaagaatcat	atattttcct	gttaatcata	tacaatttgc	1140
cacagatact	atattttcag	tgacttctat	gaagatattt	gttgttgaaa	tgtatgcatg	1200
acatcttaaa	aaattgatat	ttattttttg	tttatcttaa	aaggatataga	ggaaaaaatg	1260
atcgggtatg	ttatctatta	ctcctatata	tcacatttct	ctattagcca	cagggtctgat	1320
tccggttggt	tccactcttc	tccaagcagt	gtgttaaaat	tgaaagactt	gaagtattct	1380
aggcaatgga	aatcagggtt	ttgtccttgc	tgcatgtcat	gctgaggtag	agggtaaaga	1440
gcttcataac	ttcgtttatc	ttttgatcca	tgaattgcaa	atgaattgaa	ttttgtcaca	1500
tttgggtggaa	aataactcca	aggagagataa	gctttgcctt	cccattttgt	ctctcctctg	1560
gacactctga	acgataaagg	aagttcctgt	ttccacacat	ttcttcttcc	agaaagtaaa	1620
agcactaaat	gctgtccgtg	gggacaaagt	tcaacttcta	aatattgctc	agttatatca	1680
ttcaagaaaa	atgcttccac	aacttcataa	tcccacagtt	cattgaaagg	ttttcctggg	1740
tctccaagtg	gggctggagg	atccctgaaa	aatggagcac	taatgtccat	catcactcct	1800
ctgtcacctg	gattcagcct	gataaatacg	ggctcatgct	tactgggaaa	accatcccaa	1860
gtgtgttcaa	ttttaaaatc	catctgaagt	ctcttcttga	gatgaccaa	tccaaacctt	1920
gaactcctcc	agaggtagag	ccttgggtggg	agattctgaa	gacgccagtc	tggcttctat	1980
ccctagccgc	aggaacctgc	atcttttact	tagtccagaa	aggcttagta	tattagtaac	2040
ccaaagatag	tgagggcatt	taaactgtgt	atttcattct	ctactcacgt	ttgcattttg	2100
gtttttgtt	tgtttgtttg	tttgttttaa	agaggttggg	cctcactacc	tggagacact	2160
gtcccc						2166

<210> 7292
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(985)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (124)...(451)
 <223> similar to gi5106998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7292	
gtcgtgaggc	gggccttcgg gctgngctcg ccgtcggctg ccgggggggtt ggcctgggtg 60
tcattggctc	tgggaagcgg cagcagaggc agggaccact cgggggtctgg tgcgcgcaca 120

```

gccatggcgg gcgcgttggt gcggaaagcg gcggactatg tccgaagcaa ggattttccgg 180
gactacctca tgagtacgca cttctggggc ccagtagcca actgggggtct tcccattgct 240
gccatcaatg atatgaaaa gtctccagag attatcagtg ggcggatgac atttgccctc 300
tgttgctatt ctttgacatt catgagattt gcctacaagg tacagcctcg gaactggctt 360
ctgtttgcat gccacgcaac aaatgaagta gcccagctca tccagggagg gcggcttata 420
aaacacgaga tgactaaaac ggcatctgca taacaatgga aaaggaagaa caaggtcttg 480
aaggacagc attgccagct gctgctgagt cacagatttc attataaata gcctccctaa 540
ggaaaataca ctgaatgcta tttttactaa ccattctatt tttatagaaa tagctgagag 600
tttctaaacc aactctctgc tgccttaca gtattaaata ttttacttct ttccataaag 660
agtagctcaa aatatgcaat taatttaata ctttctgatg atggttttat ctgcagtaat 720
atgtatatca tctattagaa tttacttaac gaaaaactga agagaacaaa atttgtaacc 780
actagcactt aagtactcct gattcttaac attgtcttta atgaccacaa gacaaccaac 840
agctggccac gtacttaaaa ttttgtcccc actgtttaaa aatgttacct gtgtattttc 900
atgcagtgtg tatattgaga tgctgtaact taatggcaat aaatgattta aatatttggt 960
aaatgagtat gattaaaaaa aaaa 984

```

```

<210> 7293
<211> 2925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2787)...(2229)
<223> similar to gi3881189 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7293
tttttttttt ttgatatttt aaaagttttat ttctatttta actagcccac agacccatt 60
ctttgagggc tgatctgatt tctgacaaat ggtctataga cctcctctc ggaaacttac 120
tatcccttc caaaaaagtc tgcaccttc atcatgatgc acattttaag ttaaaattgc 180
ccaataccac cccttaaaat gcaagtttat tgaataaagc tgagaagagc agtaaacaga 240
caaaaaatgc atccacctaa ataaaaaaat tcacatattt acatagtcca gtaactgtta 300
aaagttttca catgcagagg ttaatgcaca ggaaaatgtt ggtaatagcg tctggatgtc 360
ttgaaatgcg gaaagcaatg tatagacaca caaacacatt aaggtttagc tatagggtcaa 420
ttaacaaacc tatgcagtcc ccacagagtc acacattcta gttccaattc ctcttttag 480
gcacaagcaa gttgccacat tctttgtaat ggttcacact gaccattaat ggtgttgaa 540
aacagtagca agtttaataa tcccttcatt tacagaacca tccatccac cagggtagta 600
tgcaacatgc ttcaaagaat aagaagagaa atttaaaagc ccagattcta ctcataaaaa 660
tatgaatgga gaaaagcaag tagtgtctgt gcaacacagt gcagtatatt gtacagaata 720
tttttaaggc catggcagtc tataaattaa aactgatatt cattaaaaga acttactgtt 780
gactacactc tgagtgtcga acacatttgg aaatgcagtc tacataagtg ctgcttaaca 840
aaagaaacaa aatcacacac agtgtgaggc aacacataag cagggtgtacc atagagtttt 900
atctactaca gtggtctata tgaataataa tttaaaaatg aaccagtatt aatatgtccc 960
tttatgtata cggaagtcgc taaactacaa aacatgtcca tttgaagttt ttagacatct 1020
ctgtatcata gaagcaacaa aacagcatca gttcctcagt tctctgtgtg actgattatt 1080
aaacaacctg tagacattga gcatgattac attagataaa gcaggcaggt ctagagttgt 1140
cacaataatc aagatgtcta atggcaccag tcaaaagagt gccaaagctt acatcagtaa 1200
gagagaaaaa taaaaatttt ttatttgttt ataagtatct tttgtgctga aagtcaactt 1260
tatgactgga tataaaaagt caggagttaa gagtgtcatg cagcagcact gatttaatga 1320

```

ctggagatag	aacaaacaga	tgtttgaaca	aagactgaca	ttcttaacag	gtttttattat	1380
attgggtgga	atgctctaaa	ttcatgaacg	cttttggaaa	atcttcaatt	ctcaaccct	1440
taaaaaagta	tcctgaacca	ggaagaaaaa	acaagagaca	gaaataatga	tctggacaga	1500
tacaaaacag	gatgcttttag	ttcctcccat	atcccaactg	ccatctggtg	atagagttct	1560
cagaaagcag	gatatcttta	atattcatca	ggcagaatct	caccagtgc	aagaaccaac	1620
attgatctgg	tgcctccgct	cactctctgc	agaccatttt	ggattcctaa	gatgtaatta	1680
tacatttcac	atgcatttgt	gagataaaat	aaacattatg	tttacaata	tcccacatga	1740
gtcattcacg	cctaaagggt	ttctaaatac	tgtgtgtggc	actagaaaact	tcatgctgta	1800
tcaagtcagt	gtcagtatta	agctactgga	ctctataatg	aaatattata	gatagacatt	1860
tactgaaaac	caatataaaa	atctggccca	gaaagaccag	aatggaaata	tgcaattttc	1920
ttgatttaag	atggtcataa	gtatatgggg	ttttttttct	gttttttaaag	ctctacacat	1980
ggtttaagac	aggatatgtg	aagaagcctt	tttgtgtgtg	ctgactttat	catgacaact	2040
ctagctgatt	ctttatgaag	gattagggat	attcatcttc	agcagtgcac	atgagaaata	2100
aactctgaaa	aaggcaatgt	ctgggggtta	ggaaggaccg	tattctggga	attacttcag	2160
aggaacggac	aataattcta	ggattatagc	caagaaggac	tgggaagactt	caggagatgc	2220
ttcagcttct	tctagatgtt	gaatgctgaa	taagccactg	aagtgtgata	tctatattat	2280
ccttttcttt	gcaagaaatt	gaatagcagc	aaatttctct	atcctgaata	gcagacagat	2340
tcatTTTTTc	aattagctgt	ttctcatcca	aggcattagg	aagatctctc	ttgtttccaa	2400
gcactagcac	tgggaattcct	tgtaactgtg	gtttatctag	aagattatgt	agctcatttc	2460
gggaagcctc	tatcttttca	cgatctgcag	catctatcat	gtaaacaata	gcattgactc	2520
ctctgcaata	ccgctcccac	atgcttcgaa	atcgggggtg	tcctcctatg	tcccagatct	2580
ttattgtgac	gttaccttta	gttaccttcc	tcatgttgaa	gcccactgtg	ggtatcatat	2640
cttcaactgaa	ttgacctgac	gcgatgacat	tgacgaaggt	ggtcttgccc	gagtactgca	2700
gccccacgag	cgtcagctcc	atctcttcc	tccagaagag	cgaacggaac	cagtccagca	2760
ggcgggagat	gagcgccagc	atgatggcgg	ccgggagcga	gaacggacgg	gaggacggac	2820
gagcggcggc	gtcgacgact	tccacacgag	cgggcctccg	cccggaccct	ccaacggctc	2880
cttggtgccc	cggcgcgaca	cgggcgggaca	cgggcggggc	gcaca		2925

<210> 7294
 <211> 1410
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (123)...(822)
 <223> similar to gi868241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7294	
ggaattccgc	ttttccggtc
gcgcggcccc	ggggagctcc
caatgagcaa	gttgggcaag
ccagtcccca	ggaggccctg
aagagtacct	ggaaaatcga
agaataagcg	agctgcatta
ctcagattga	tggcacactt
acaccaacac	tgaggtgttg
atgaaaacat	ggatctgaac
atatcgccca	agaaatctca
tggggtcccc	agaggactgc
ccgggatcgc	tgggccctccg
ttcttaagagc	cgagccgctc
gggagactga	ggagatgctg
aaatcgccct	ggccaagaag
gaggttcgag	aaacagctca
agaagccctg	gagaactcac
aaaagcgatg	aaatctgttc
agagatcaca	gagcaacagg
tggtcttgggt	gatgactttg
tggtccccctcg	aactccacag
gggagcggctc	cgagccgctc
gggagactga	ggcaagaaac
gaggttcgag	cacggcacgc
gagaactcac	gagaactcac
aaatctgttc	gagaactcac
gagcaacagg	gagcaacagg
gatgactttg	gatgactttg
tggtccccctcg	aactccacag
gggagcggctc	cgagccgctc
gggagactga	ggcaagaaac
gaggttcgag	cacggcacgc
gagaactcac	gagaactcac
aaatctgttc	gagaactcac
gagcaacagg	gagcaacagg
gatgactttg	gatgactttg

atgaggatga	gttgatggca	gaacttgaag	aattggaaca	ggaggaatta	aataagaaga	660
tgacaaatat	ccgccttcca	aatgtgcctt	cctcttctct	cccagcacag	ccaaatagaa	720
aaccaggcat	gtcgtccact	gcacgtcgat	cccagcagc	atcttcccag	agggcagaag	780
aagaggatga	tgatatcaaa	caattggcag	cttgggctac	ctaaactaaa	acacattttt	840
gatacctaaa	ttaatgagct	atagataaaa	tataaaaaat	gtttttacca	agttcagaag	900
ttaacaaaga	ctctgcttta	taattatatt	gaatgaataa	ttgtgtttta	agcctcctaa	960
gtaaaagtaa	aaaaggagtc	atgtgcatac	atagaatcag	tgatggaggc	caggcacggt	1020
atctcatgcc	tataatccca	gcactttggg	aggctgaggc	agttgagacc	aggagttcga	1080
gtccagcctg	accaacatga	agaaaccctg	tctgtactaa	aaatacaaaa	attagccgga	1140
catggtggca	ggcacctgtg	atcccagcta	cttgggaggc	tgagtcagga	gaattgcttg	1200
agcccaggag	atggagggtg	cagtgcagca	agatcatgcc	actgcactcc	agactgggca	1260
acagagggag	actccgtctc	aaaaactaaa	aaaaaaaaata	catttagtat	agcggggggt	1320
gggggggaga	aataatgtta	tttcctatgc	gaatgacgtg	tatccctgta	cccatggtaa	1380
atgtaaatat	actgtgtctc	ttttgggagg				1410

<210> 7295

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (318)...(1493)

<223> similar to gi4050073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7295

gaagcccaga	ctattttattg	gtgatcaaac	aaagaaacag	gggaatattg	tcctattatg	60
attctcctga	agatgcctgg	aaaggttgca	aaggaggcat	acaaatggca	gtctgtgaaa	120
ttgaagttca	ttctgtagat	aatacatgca	tggacctgat	aatccccggg	gaacagtatt	180
tctacctgaa	ggccagaagt	gtgcctgaaa	gatagcggcg	gctgggtggc	ctgggatcag	240
ccaaggcttg	cctgactgac	agtaggaccc	agaaggataa	agagtttgct	gaaaacactg	300
aaaacttgaa	aacccaaaatg	tcagaactaa	gactctgctg	tgacctcctt	gttcagcaag	360
tagataaaac	aaaagaagtg	accacaactg	gtgtgtccaa	ttctgaggag	ggaattgatg	420
tgggaacttt	gctgaaatca	acctgtaata	cttttctgaa	gaccttgcaa	gaatgcatgc	480
agatcgcaaa	tgcagccttc	acctctgagc	tgctctaccg	cactccacca	ggatcacctc	540
agctggccat	gctcaagtcc	agcaagatga	aacatcctat	tataccaatt	cataattcat	600
tggaaaggca	aatggagttg	agcacttggt	aaaatggatc	tttaaataatg	gaaataaatg	660
gtgaggaaga	aatcctaata	aaaaataaga	attccttata	tttgaaatct	gcagagatag	720
actgcagcat	atcaagtggg	gaaaatacag	atgataatat	aacagtccaa	ggtgaaataa	780
ggaagggaaga	tggaaatggaa	aacctgaaaa	atcatgacaa	taacttgact	cagtcctgat	840
cagactcaag	ttgtctcccg	gaatgcctct	gggagggaagg	caaagaagtt	atcccaactt	900
tcttttagtac	catgaacaca	agcttttagt	acattgaact	tctggaagac	agtggcattc	960
ccacagaagc	attcttggca	tcatgttatg	ctgtggttcc	agtattagac	aaacttggcc	1020
ctacagtgtt	tgctcctgtt	aagatggatc	ttgttggaaa	tattaagaaa	gtaaatcaga	1080
agtatataac	caacaaagaa	gagtttacca	ctctccagaa	gatagtgtct	cacgaagtgg	1140
agggcgatgt	agcccagggt	aggaactcag	cgactgaagc	cctcttgttg	ctgaagagag	1200
gtctcaaatt	tttgaaggga	tttttgacag	aagtgaaaaa	tggggaaaag	gatatccaga	1260
cagccctgaa	taacgcatat	ggtaaaacat	tgcggcaaca	ccatggctgg	gtagtccgag	1320
gggttttttg	gttagcttta	agggcaactc	catcctatga	agattttgtg	gccgcgttaa	1380

```

ccgtaaagga aggtgaccac cggaagaag ctttcagtat tgggatgcag agggacctca 1440
gcctttacct ccctgccatg aagaagcaga tggccatact ggacgcttta taagaggtcc 1500
atgggctgga atctgatgag gttgtatgat ggctgctggg cagcacctcc taacttcagg 1560
gaataaagtg ctaaagtgtt ttgttgccct acttaatttc cagcaacagc ctcaaccctc 1620
tccaacccct tcacctgggg ggatggacag gaggtggcaa aaccacagtgc ttttataatt 1680
tttaaaatgc atatgtgttt tgtttaaaga tcaagggtgct atatatttca gttcagcagg 1740
cctactggaa accaaatgat aagctgctgt agacttgaac agcaagttat aagagcagat 1800
ttaacaaaca a 1811

```

```

<210> 7296
<211> 1464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (327)...(597)
<223> similar to gi5107188 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7296
gatttcctcg cgttataacg aatcggcgtc taagggttta agtgtcactt gacattactg 60
ctcccacgtg ttctttccca tctggcggcc gcggctcctg tccagaccct gaccctccct 120
cccaaggctc aaccgtcccc caacaaccgc cagccttgta ctgatgtcgg ctgctgagagc 180
ctgtgcttaa gtaagaatca ggccttattg gagacattca agcaaagggt ggacaactac 240
ttttccagaa cagaaaggaa actcatgcat cagaaaagggt ttcagggata taatcagaag 300
gtgactaata aaggtaccag aagaatatgg ctgcacaaat accagaatct gatcagataa 360
aacagtttaa ggaatttctg gggacctaca ataaacttac agagacctgc tttttggact 420
gtgttaaaga cttcacaaca agagaagtaa aacctgaaga gaccacctgt tcagaacatt 480
gcttacagaa atatttaaaa atgacacaaa gaatatccat gagatttcag gaatatcata 540
ttcagcagaa tgaagccctg gcagccaaag caggactcct tggccaacca cgatagagaa 600
gtcctgatgg atgaactttt gatgaaagat tgccaacagc tgctttattg gaaatgagga 660
ctcatctgat agaatcccct gaaagcagta gccaccatgt tcaaccatct gtcatgactg 720
tttggc aaat ggaaaccgct ggagaaacaa aattgctatt taccaggaat aatcacaata 780
gaaggcttta ttgttcagtg aaataataag atgcaacatt tgttgaggcc ttatgattca 840
gcagcttggt cacttgatta gaaaaataaa ccattgtttc ttcaattgtg actggttaat 900
tttaaagcaa cttatgtgtt cgatcatgta tgagatagaa aaatttttat tactcaaagt 960
aaaataaatg gaaatatcac tgagcagttg tttatactgt atggtacat agtattctca 1020
ctggactgtg gatacgttga aatgtttttc aatcaggatc atcctccaag cagtcctggt 1080
cattcatgtc tgccctcaat tgctggtgaa tacataaaat agttacttgc taatcatttc 1140
aatgcatgat cctttttcttg cctcccttgt gtcagggtgg gcattacata tacttttctt 1200
tttttttttt ttgaaaacgg attttttttt tcccccccca ggaggagggg aaggggaaaa 1260
ttttaattta attgaaccct ccccttccca agtaaagcaa tttttgtgcc ccaaccccc 1320
aaggaggggg gaataaaggg gggggccccc ctgccccggt aaattttggt tttttaaaaa 1380
aaaggggggt taaacaaatt ggcccgggtg ggtttaaaat tttgaacctt aggggacccc 1440
ccggcctaac cctccaaaag ggta 1464

```

<210> 7297
 <211> 696
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (278)...(590)
 <223> similar to gi4886455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7297
 cgagtggctg cccacacaaa tgcttgcctt tctgcggaat cctactgttc ttcacatgct 60
 ctctaatacc atcttttcat atccactttc tcttccatgt tgaaaaatta aattgacagg 120
 ctggattctg caaagatctt tggacattta agtatcttcg accggtgcga aaagaggcgg 180
 cctgaccttg gaagtgggac ggggtcctgc agcgggtcct tccggcgggt gacattcagc 240
 cggcgggttc gggcgacgga ctctccattc cagaaccatg gcccaatttg tccgtaacct 300
 tgttgagaag accccggcgc tggatgaacgc tgctgtgact tactcgaagc ctcgattggc 360
 cacatttttg tactacgcca aggttgagct ggctcctccc acccctgctg agatccctag 420
 agctattcag agcctgaaaa aaatagtcaa tagtgctcag actggtagct tcaaacagct 480
 cacagttaag gaagctgtgc tgaatggttt ggtggccact gaggtgttga tgtgggttta 540
 tgtcggagag attataggca agcggggcat cattggctat gatgtttgaa gaccaatctt 600
 taacatctga ttatatattga tttattattt gagtgttggt ggaccatgtg tgatcagact 660
 gctatctgaa taaaataaga tttgtcaaaa aaaaaa 696

<210> 7298
 <211> 988
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (908)...(667)
 <223> similar to gi5262862 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7298
 gggaccacta caggagggct ttctcctcac tgaaatcttg ttcattctta ggatttctcc 60
 agcacctcag ttcgaattcc cactccttat gtgcaagtgg cactcttggc tttccaattc 120
 tgttttttat ttaggtgact caatcagtgg ctgaacttct gatcctgtgg cccctttttg 180
 tagcttcaga ctgaaactgg atgcctttgt agaacatatt cacgcaagga ttctgtatga 240
 acagaaaagg atgcaataaa ggaggattcc tccaaaatgt ttttaattata tgtccataca 300
 atatataaaa tatatgcac attttagctg gataagaaaa gcaagtcaaa tgaaatgaca 360
 cttctcgaaa cttaagttaa ataactttgt aggaagaggt atattttgtc ttttttaa 420
 tatttttagc ttctgtacac tgaccaacga ggtaaaggaa aatgactgaa actctacaag 480
 tgaaagaaca tttcacaatt aaaatccaca atttgtatac atttatctta ctacatcgt 540

```

caggtgaaaa atcacccaac ttattataaa aggaggacaa attgtatcac aaaagaagca 600
aaaattagaa aaaattcata aaaaaatata tccaactatg aaaagcgttg ctctcttggt 660
gtcttcacat ccgtctcttc tgtgtactga tgtacaacac attgtttcct cggataaatg 720
catccccata cttattcttc agttgtccat ttacatattc ttctgtctgc tccagggtta 780
tattcatgta gccatccagg caagccaggga cccctcgata atccactcca gaatttaatt 840
ttaccacaac tggtcgtccg atgatttgct ttaagaagtc actaggggtt tgcttccgaa 900
gactcatttt aacaatcctc gccggcggga accagaaccc tcaactccagg cgccccacga 960
gcccggccgc cgcggatgat cccagcca 988

```

<210> 7299
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (282)...(571)
 <223> similar to gi2565275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7299
gctgttgagc gggggccgac cgacggccag gagtttcttt tctgcgcttg tgcgttttct 60
gttcgggttc ctcccgcta gcggggccac gaggggtgct aggcaacagc ccctgggtga 120
cttggtctta gggctctgtc cggcttgggg ctgatgaaag gagctgtccg cgcccggtct 180
cttccgagaa gtggttgctg acagccacaa agtgaaaggg agtgaggcgg cgtggacgag 240
taaggagtga cagtgaggat tcacatttgg gttatttcaa gatgagcttc ctactgcca 300
agctgactag caaaaaggaa gtagaccagg cgataaaaag tactgctgag aagggtgttg 360
ttctcagggt tgggagagat gaagatcctg tctgtctgca gctagatgat attctttcta 420
agacctcttc tgacttaagt aaaatggctg ctatatacct ggtagatgtg gaccaaactg 480
cagtttatac acagtatttt gacatcagtt atattccatc tactgtcttt ttcttcaatg 540
ggcagcatat gaaagtggat tatggtggag aagatccagc cctcagaagc ataaaagctg 600
tccgcagAAC cagccctgca ggtactttag gagaaaagcc agtcaactcc tagtaataac 660
aggtaacatt gggaggggtt tgtgtgccag gcactgtgct atgtgctttc tgtgtattta 720
ctcatttaat tcttcaacag ccataagca ttgggtcttt ttattatcta ataatccogt 780
tttttataaa 790

```

<210> 7300
 <211> 6677
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (229)...(3564)
 <223> similar to gi3043610 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7300

ctcaggtggt	caggaacact	tttggaaagt	aaatctaagg	aagagagtgg	tacttagcag	60
ctgtcatttt	cctttcaggc	tctgtgacg	tttgatgaca	tactgtgta	cttactccag	120
gaggaatggg	tgctgctgag	ccagcaacag	aaggagctct	gtggttccaa	caagctggtg	180
gcaccactgg	gaccaactgt	tgccaatcct	gagctgttcc	gcaagttcgg	acgagggcca	240
gagccatggc	ttggcagcgt	ccagggccag	aggagccttc	tggagcatca	cccaggaaaa	300
aaacagatgg	gctacatggg	agaaatggag	gtgcaaggtc	ccaccaggga	gagtggacag	360
tccctcccgc	ctcagaagaa	agcctacctt	tcccacctca	gtacaggcag	tggacacatc	420
gagggagact	gggccggaag	aaacaggaaa	cttctgaagc	cccgttccat	ccagaagtgc	480
tggtttgtgc	agtttccgtg	gctgatcatg	aatgaggagc	agacggctct	gttctgtctt	540
gcttgccgag	aatacccttc	catcagggac	aaacggtcaa	gactaataga	aggttatata	600
ggaccattca	aggtggagac	tctcaaatac	cacgcgaaga	gcaaggccca	catgttctgt	660
gtcaatgcct	tggcagcgag	ggacccccatc	tgggcagccc	ggttccggag	catcagagac	720
ccacctggag	atgttctggc	cagccccggag	ccgctcttca	ctgcagattg	ccccatattc	780
tacccccccag	ggcctctggg	aggatttgat	agcatggctg	agctcctgcc	aagttcaaga	840
gctgaactag	aggaccctgg	gggggatgga	gcaattcctg	caatgtatct	agactgcatt	900
tcagatttga	ggcaaaaaga	aatcactgat	ggcatccaca	gctcctcaga	cattaatatt	960
ttatataatg	atgcagtaga	atcctgcatt	caggaccctt	ctgcagaggg	gctgtcggag	1020
gaggttcctg	tgggtgttga	ggagctgccg	gtggtgttcg	aggatgtggc	agtgtatttc	1080
acccgggagg	agtggggcat	gctagacaag	cggcagaagg	agctgtacag	agacgtgatg	1140
cggatgaact	acgagctgtt	ggcatccttg	ggacctgctg	ctgccaaagg	agacttgatc	1200
tccaaactgg	agcggagggg	tgcaccctgg	atcaaggacc	caaattgggg	aaagtggggg	1260
aaaggtcgtc	ctccaggga	caagaagatg	gtggcagtga	gagaggcaga	cacacaggcc	1320
tcggctgcag	actccgcgtt	gcttccaggc	tctcccgtgg	aggcccgtgc	ctcctgctgc	1380
agttccagca	tttgtgagga	aggagatgga	cctaggagaa	tcaagaggac	atacaggccc	1440
cgttccattc	agaggtcatg	gtttgggcag	ttcccatggt	tagtaattga	ccccaaagag	1500
accaaactct	tctgctcagc	ctgcatagaa	agaccctaac	tccatgataa	atcatctcgg	1560
ttagtccagag	gttacacggg	gcctttttaa	gtggagactt	taaaatacca	tgaagtccagc	1620
aaagcgcaca	ggctctgtgt	caacacgggt	gaaatcaagg	aagacacccc	tcacactgcc	1680
ctcgttccag	agatctccag	cgacctcatg	gccaacatgg	agcacttttt	caatgccggc	1740
tactccattg	cataccactc	aaggcccctg	aatgactttg	agaagatcct	gcagctcctc	1800
caaagcacgg	ggaccgtgat	attaggcaag	taccgcaatc	gcacggcgtg	cactcagttc	1860
atcaagtaca	tctcagagac	cctgaagagg	gagatcctgg	aggacgtgcg	gaactcgccc	1920
tgtgtgagcg	tgctgctgga	cagctccacc	gacgcctccg	agcaggcctg	cgtggggatt	1980
tacatccgct	acttcaagca	gatggagggtg	aaagagtcct	acatcactct	ggcccctctc	2040
tacagtgaga	cagcagatgg	gtacttcgag	accatcgttt	ctgccctgga	tgagctggac	2100
atcccccttc	ggaagcctgg	ctgggtggtg	gggctgggga	cggatggctc	agccatgttg	2160
agctgcagag	gaggccttgt	ggaaaagttc	caggagggtca	tcccgcagct	gctccctgtc	2220
cactgcgtgg	cccaccggct	gcacctggct	gtggtggacg	cctgcgggag	catcgatctg	2280
gtgaagaagt	gtgaccggca	catccgcacc	gtcttcaagt	tttatcagtc	ctcaaacaag	2340
aggctgaacg	agctgcagga	aggtgcggcg	cctctggagc	aggagatcat	ccgcctgaag	2400
gatctgaatg	cggctccgctg	ggtggccagc	aggaggcgca	cgctgcacgc	gctgctcgtg	2460
agctggcccc	ccctggccag	gcacctccag	aggttggcag	aggctggggg	ccagattggg	2520
caccggggcca	aagggtgct	gaagctcatg	cgcgggttcc	actttgtcaa	gttctgccac	2580
ttcctgttgg	acttccctgag	catctacagc	cctctgtccg	aggtgtgcca	gaaggagatc	2640
gtgctgatta	cagaggtgaa	cgccacgctg	ggccgcgcct	acgtggcact	ggagagcctc	2700
cgtcaccagg	cagggcccaa	agaggaagaa	ttcaacgcca	gcttcaagga	tgggcggctc	2760
cacggcatct	gcttggacaa	actggaggta	gcggaacagc	ggttccaggc	ggataggggag	2820
aggacagtcc	tgacggggat	tgagtacctc	cagcagaggt	ttgacgcaga	ccgaccccca	2880
cagctgaaga	acatggagggt	gtttgacacc	atggcctggc	caagtgggat	tgaacttgcc	2940
agttttggga	atgatgacat	tctcaacctg	gccagggtatt	tcgagtgtct	cctcccaaca	3000
ggatacagtg	aggaagctct	gctggaggag	tggctggggc	tgaaaaccat	tgcccagcac	3060
ctcccgttct	ccatgctttg	caaaaacgcc	ctggcccagc	actgccgctt	ccccctgcta	3120

agcaagctca	tggccgtggt	ggtctgtgtg	cccatctcca	cctcttgctg	tgagcggggg	3180
ttcaaggcca	tgaaccgaat	caggaccgat	gagaggacca	agctctccaa	cgagggtgctc	3240
aacatgctca	tgatgacagc	tgtgaacggt	gtggccgtca	cggagtacga	ccccagccc	3300
gccatccagc	actggtacct	gacctcctca	ggccggcggt	tcagccatgt	ctacacctgt	3360
gccaggtgc	cagcccgcctc	ccctgcaagc	gccaggctca	ggaaggagga	gatgggagcc	3420
ctctatgtgg	aggagcccag	gacccagaag	ccacccatcc	tgccctccag	ggaagcagcg	3480
gaggttctga	aggactgcat	catggagcct	cccagagagac	tcctgtatcc	ccacaccagc	3540
caggaggccc	ccgggatgtc	ctgagggaca	gggagtccct	gggactgcct	tggagacgcc	3600
tctgtgatca	ctgggacagg	ctctgcagat	tctaggctgc	cctaggatct	tctgctggtg	3660
gcgatggtct	ctaagcacca	ggaagtgggc	agtggcatcc	cagagcagca	ggggtatcag	3720
gaggtgcatg	acctgtttcc	tgaggcccca	ctcagcacag	ccatgcctca	cagcacacaa	3780
atgtgccaga	aggttctata	tctcaagttc	atttttaagg	tgctgcagaa	aataacccca	3840
tcattgaaag	tttcagcccc	tgagttttgg	tggcaagagg	agtgtcctgg	taggggagac	3900
tggtggacat	ccctggggaa	tgttccaggg	aggctgcccc	cagtctaagt	gggaatggga	3960
aagaccacct	tgtagagggg	ggagggttgc	cctgctctag	ggacagctgg	cctggctgca	4020
agagccccc	gaggcattgt	tctgggactt	cctaccctgg	ctccccacagc	agaagcagtg	4080
aggccgtggt	ctcgtgcgga	actctacctc	ttcccagggc	ttccttttagg	gcgaaacaat	4140
cacaagccct	ttgcacagag	cacccaagaa	agtctctctc	ctgcagctcc	agatggtgga	4200
gctgggctct	tctggcaggg	ggtctggtgc	ttcccggaga	gccgagccgc	gtttaacccg	4260
tggcatgccc	ggcccggttt	acccaggaga	ggatgggacg	aagttggagt	tgggaggcct	4320
gggatgcagc	cccagctctg	ctgcaggcag	tggctctgatt	aatcccttcc	tctttgtgcc	4380
tcagtttccc	tctccatgaa	gtggcagcag	agatccaagt	gcctgctgac	tccccatctg	4440
ccctaggatt	agtgaatgag	agcctcgagc	tccctgaaag	acctctggct	gcagtgtgga	4500
cttagctgcc	atctgcccc	tctctgctct	tagtgggaca	ggtaggaatt	tgtctccaaa	4560
gtccttggtg	taggagttgc	tctctgaatg	cacatctctc	acgacaggct	agtccactct	4620
tctctgagct	gccctgggga	ctctgcacca	ggatctccag	ggccccactga	gacatccccg	4680
aatgggcgct	cagtgacaag	ggctttgaac	aacctcctcc	agggactttg	ggcctgctct	4740
agcttcagaa	ccacagaacc	accgccctag	aggcacagag	gggcttctgg	cactgctagg	4800
ttcacaccct	cctgcgccat	cttccttcca	cctaaagtga	agcacttttc	cttccaaggg	4860
cagctccgtc	ttggcaggct	caggaggccg	cttatcagga	ggaggatgat	tttgtctagg	4920
ttctgccttc	cttaaccatg	ggcaggaaat	aagtgaggctc	agcaggcagg	gtttctctgc	4980
cctgcctgat	acttgtttta	aacaggcagg	aagtgggcgc	catccatccc	agcttgcttg	5040
ctgcctggct	caggcaggtc	ctgtgctgtg	ctgcaggccc	ctgtgggtgg	gccctttctc	5100
catagtctgc	cgttcccat	tcccagggtg	gatgctggca	tctgagcacc	tgagtaccct	5160
tcctattccc	agggtagaag	ctgctgtctg	agtacccttc	ccattcccag	ggtagatgct	5220
ggcgtccgag	cccctccccg	gtaccgcagg	taccctggta	ccccacctgc	cctttcatcc	5280
ccaccccagt	acttagcctt	agcactgttg	ctttcgtgtc	attttcagtt	ctagtccagga	5340
attcctttct	tgctttctgc	ctttgacctg	tggaaatgtc	tcccagccct	gtgggtctgg	5400
cggtcagagg	gaccccacag	gcctgtgggtg	cgggagctct	gggagggtgt	actatctgcg	5460
tggctaaggc	acacacaggc	ctccttctcc	ccatcacctg	ctccatgggc	gttcagggaac	5520
ttgcccagg	caggcactgt	ggatgtgaac	tcgtggaaag	ggaggggagaa	aggctttttt	5580
aggtggggct	atagcctctg	ccctacccac	agggattcca	catcaagggtg	ctgttccagc	5640
acacatgctt	cctgcggcct	cttcacacct	gaagaatccc	tcagagcagg	aggccatcct	5700
gtgagcagcc	gtgagtgggt	ctctgtggga	gtagtctctg	agctgagggtg	gaagctaggg	5760
gaagcaactc	gccctctcca	cgtcagcatc	agcgtgctcc	gaggacaccg	gccagtgcct	5820
tccttaggtg	gtgggaaagg	gggttccctg	tgcagcgggg	ccactgagaa	tgctgtttgt	5880
cataaaattt	gcactaccg	atttctcaag	gggcacaggc	ctgctccgtt	cccctttgtc	5940
agccaatggc	caagaaggaa	gaagatgact	ggcatcttat	tcctgaactt	cctcattcgg	6000
gacccccgtg	gaaacacagt	gagcatcctt	atcagaggcc	ctggcccagg	ctggccccct	6060
tgctttgttt	ggagaggctg	gctgagtttc	agcccttagt	gctggagacc	cccttggttg	6120
agaggcttcc	tgtttatgcc	tcacaagaag	aaaaaccaca	gggctctggg	aggggaagaa	6180
gcatgcactc	ccgctttggc	tggagtccca	gcgcttgctg	ccaccctcct	ccttgccctgt	6240
agtcttgaca	gcatccgtat	gtacgtgtcc	tggcatttcc	cctccctctc	cctgatgact	6300
gatacccacc	gggtctgaca	ttccaagtaa	ccagtatgta	actggtagtt	tgatcccaat	6360
agccatagcg	actccagggtg	ggagtgaggg	gagcccagcc	ccctgtcctg	gaagatacct	6420
tagagtatgt	gaccgcgtc	cagacccttg	cttctctctc	ctgcagagga	tgagtttcta	6480
gggtgctaag	tacctatcag	aacagtgtgg	aggggagggt	ccctcataca	ggtgtgtgct	6540

tagccaaata	cagtaactgt	gactggccca	gggatgttct	ctcctctatt	ttcaaagatg	6600
aaaggaggtt	ttaaaaacca	tgtttgattc	ctaacctttt	gctacctgaa	taaagcagag	6660
tctatttcaa	cacaaaaa					6677

```

<210> 7301
<211> 1340
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (251)...(973)
<223> similar to gi4980974 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7301						
actgcttggt	ccggcagtg	aagagacgcg	ccggcggttg	ccgctgctgc	tagcagcttg	60
aaccccagg	tcgggaccga	tgctcgcttg	ggctgctgcc	agcctaagca	gggccgctgc	120
ccgatgcttg	ctggcacgag	gccccggggt	cagggcggt	cctccgcgcg	acccccggcc	180
ctcccacccc	gagccccggg	gctgcggtgc	cgctccgggc	aggacgctgc	actttaccgc	240
ggctgtcccc	gccgggcaca	acaagtggtc	caaagtcagg	cacatcaagg	gtccgaagga	300
cgtcgaaagg	agtcgcatct	tctccaaact	ctgtttgaac	atccgcctgg	cagtgaagaa	360
aggaggcccc	aaccctgagc	acaacagcaa	cctggccaat	atcttagagg	tgtgtcgcag	420
caaacatatg	cccaagtcaa	cgattgagac	agcactgaaa	atggagaaat	ccaaggacac	480
ttatttgctg	tatgagggtc	gaggccctgg	tggctcttct	ctgctcatcg	aggcattatc	540
taacagtagc	cacaagtgcc	aagcagacat	tagacatatc	ctgaataaga	atggaggagt	600
gatggctgta	ggagctcgtc	actcttttga	caaaaagggg	gtgattgtgg	ttgaagtgga	660
ggacagagag	aagaaggctg	tgaacctaga	gcgtgccctg	gagatggcaa	tcgaagcagg	720
agctgaggat	gtcaaggaaa	ctgaagatga	agaagaaagg	aacgttttta	aatttatattg	780
tgatgcctct	tactgcacc	aagtgaggaa	gaagctggac	tccctgggccc	tgtgttctgt	840
gtcctgtgca	ctagagttca	tccccaaactc	aaagggtgcag	ctggctgagc	ccgacctgga	900
acaggccgca	catctcattc	aggctctcag	caaccacgag	gatgtgattc	acgtctatga	960
taacattgaa	taaccaggct	acatgtgccc	ccgggttcct	tcctagaaat	gtggcagccc	1020
attccagcac	acaggcttct	gcagcaatct	ctgagggtaa	agccgggtggg	aggctcagca	1080
ggccaggagg	cccaaggaca	ggacttgcca	ccttgaagcc	aaaggaatct	cacttggtggg	1140
gcctccttgt	cagctctgct	gctgtctcag	agccatctgg	atgagtgtcc	cgacaccctc	1200
tcggatgcag	ggcaggacca	cccagctggt	cagactctga	tggtgggtag	ctggcctctg	1260
tggggattgt	aagtgccctg	aggcgctctg	tactaaaaac	tgctcttaat	aataacggtg	1320
attattgggt	gctgcaaaaa					1340

```

<210> 7302
<211> 2435
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (6)...(2333)
 <223> similar to gi558586 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7302

ctgcaatggc	ggctctagac	tccctgtcgc	tcttcaactag	cctcggcctg	agcgagcaga	60
agggccgcga	gacgctcaag	aactcggctc	tgagcgcgca	gctgcgcgag	gccgctactc	120
aggctcagca	gaccctgggt	tccaccattg	acaaagctac	cgggatcctg	ttatatggct	180
tggcctcccg	actcagggat	acccggcgct	tctccttctc	tgtaagctac	atagccagta	240
agaagatcca	cactgagccc	cagctaagcg	ctgcccttga	gtatgtgcgg	agtcacccct	300
tggaccccat	cgacactgtg	gacttcgagc	gggaatgtgg	cgtgggtgtc	attgtgaccc	360
cagagcagat	tgaggaggct	gtggaggctg	ctattaacag	gcaccggccc	cagctcctgg	420
cggaacgtta	ccatttcaac	atggggctgc	tgatgggaga	ggctcgggct	gtgctgaagt	480
gggcagatgg	caaaatgata	agaatgaag	tggacatgca	ggctcctccac	cttctggggc	540
ccaagttgga	ggctgatctg	gagaagaagt	tcaaggtggc	aaaagctcgg	ctagaagaaa	600
cagaccggag	gacggcaaag	gatgtggtgg	agaatggcga	gactgctgac	cagaccctgt	660
ctctgatgga	gcagctccgg	ggggaggccc	ttaagttcca	caagcctggg	gagaactaca	720
agaccccagg	ctatgtggtc	actccacaca	ccatgaatct	actaaagcag	cacctggaga	780
ttactggtgg	gcagggtacg	acccggttcc	cgccagaacc	caatggaatc	ctgcatattg	840
gacatgccaa	agccatcaat	ttcaactttg	gctatgccaa	ggccaacaat	ggcatctggt	900
ttctgcgttt	tgatgacacc	aaccctgaga	aggaggaagc	aaagttcttc	acggccatct	960
gtgacatggt	agcctggcta	ggctacacac	cttaciaaagt	cacatatgcg	tctgactatt	1020
ttgaccagct	atatgcgtgg	gctgtggagc	tcatccgcag	gggtctggct	tatgtgtgcc	1080
accagcgagg	agaggagctc	aaaggccata	atactctgcc	ttcaccctgg	agagaccgtc	1140
ccatggagga	gtcactgctg	ctctttgagg	caatgoccaa	gggcaagttt	tcagaggggc	1200
agggcacact	acggatgaag	ctggtgatgg	aggatggcaa	gatggaccct	gtagccctatc	1260
gagtcaagta	tacaccacac	caccgcacag	gggacaaatg	gtgcatctat	cccacctacg	1320
actacacaca	ctgcctctgt	gactccatcg	agcacatcac	tcactcactc	tgcaccaagg	1380
aattccaggc	ccgacgctct	tcctacttct	ggctttgcaa	tgcactggac	gtctattgcc	1440
ctgtgcagtg	ggagtatggc	cgctcaacc	tgcactatgc	tgttgtctct	aagaggaaga	1500
tcctccagct	tgtagcaact	gggtgctgtc	gggactggga	tgaccacagg	ctctttacac	1560
tcacggccct	gcgacggcgg	ggcttcccac	ctgaggccat	caacaacttc	tgtgcccggg	1620
tgggagtga	tgtggcacia	accacaatgg	agccacatct	tctagaagcc	tgtgtgcgtg	1680
atgtgctgaa	tgacacagcc	ccacgagcca	tggctgtgct	ggagtacta	cgggtcatca	1740
tcaccaactt	tcctgctgcc	aagtccttgg	acatccaggt	gcccacttcc	ccagctgatg	1800
agaccaaagg	cttccatcag	gttccctttg	caccatttgt	cttcattgag	aggactgact	1860
tcaaggagga	gccagagcca	ggatttaagc	gcctggcttg	gggccagcct	gtgggcctga	1920
ggcatacagg	ctacgtcatt	gagctgcagc	atgttgtcaa	gggcccaggt	ggttgtgtag	1980
agagtctgga	ggtagacctg	agacgggcag	atgctggaga	gaagccaaag	gcctttattc	2040
actgggtgtc	acagcctttg	atgtgtgagg	ttcgctctta	tgagcgacta	ttccagcaca	2100
agaaccctga	agatcctact	gaggtgcctg	gtggattttt	aagtgcactg	aacctggcat	2160
cactacacgt	ggtggatgca	gcattagtgg	actgctctgt	ggccctggca	aaacccttcg	2220
acaagttcca	gtttgagcgt	cttggatatt	tctccgtgga	tccagacagc	catcagggaa	2280
agcttgtctt	taaccgaact	gtcacactga	aggaaagccc	aggaaaggtg	tgagctggaa	2340
gcactgaacc	tacctcatcc	tctggagggg	tgtggctacc	ctcgccaccc	caaattccat	2400
gtcaataaag	aacagctaaa	ttctcaaaaa	aaaaa			2435

<210> 7303

<211> 2819

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (60)...(1109)
 <223> similar to gi508487 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7303

```

agccggcaga ggagctaggg agtgtggcac tgagccggct caggcagaga cgcgccacca      60
tggttagcaa gaaagtctgc attgtaggct ccgggaactg gggctcagcc atcgccaaga     120
tcgtgggtgg caatgcagcc cagctggcac agtttgaccc acgggtgacc atgtgggtat     180
ttgaggaaga cattggaggc aaaaagctga ctgagatcat caacacgcag catgagaatg     240
tcaaatacct gccagggcac aagttgcccc caaatgtggt ggctgtccca gatgtggtcc     300
aggctgcaga ggatgctgac atcctgatct ttgtggtgcc ccatcagttc atcgccaaga     360
tctgtgacca gctcaagggc catctgaagg caaacgccac tggcatactc cttattaagg     420
gggtagacga gggccccaat gggctgaagc tcatctcgga agtgattggg gagcgctcgc     480
gcatcccatc gagtgtgctg atgggggcca acattgccag cgagggtggc gatgagaagt     540
tctgtgagac aaccattggc tgcaaggacc cggccagggg acaactcctg aaagagctga     600
tgcagacacc aaacttccgt atcacagtgg tgcaagaggt ggacacagta gagatctgtg     660
gagccttaaa gaatgtagtg gccgtggggg ctggcttctg tgatggcctg ggctttggcg     720
acaacaccaa ggcggcagtg atccggctgg gactcatgga gatgatagcc ttcgccaagc     780
tcttctgcag tggccctgtg tctctgccca ccttcttgga gagctgtggt gttgctgacc     840
tgatcactac ctgctatgga gggcggaacc ggaaagtggc tgaggccttt gcgcgtacag     900
gaaagtccat tgagcagctg gagaaagagt tgctgaatgg gcagaaactg caggggcccgc     960
agacagcccc ggagctatac agcatcctcc agcacaaggc cctggtagac aagtttccct    1020
tgttcatggc tgtgtacaag gtgtgctacg agggccagcc agtgggtgaa ttcattccact    1080
gcctgcagaa tcatccagaa catatgtgag tggggccagg gcccaggcca ggccgctttt    1140
ttaccccagt ggagaccagc agaagcctgg ggtacctagt caccaggatc tccaggactc    1200
ccagggagca gagtcttctc atcttttcac tggaggacag gaggctatgg ggcccagcta    1260
cgcacctgga gatcctgaac tgtcaagcca ctggcagcct catgccacca catttgccag    1320
aaatgcagtt gccctgtccc tctccagatg tggggctttc tccatatcct ctgggagggg    1380
tggaatcaag ccccgagtgc tgcctgcttt ggtggcgggg gtgatgtatg tggagaaggg    1440
ttgggggaga ggccggtagg gcaggggctg ctagtggctg tctcacatac accagtaatc    1500
ctgttaaagg gctgaagaag tatcttagcc acaggagcga tgaggcaagg attgtcaggg    1560
aggggtctgg gcttctgagc tgatgcaggc cccaaggacc cctttgctga cctctgccag    1620
gacccacaca gcttcgatgg atctcagtgt ttgttaacaa aatacaaaga tctcaaacaa    1680
acccctttta gcttctccta gcaacatctg tgtcctcaga aacctctggt tctccccctt    1740
ccccctcccc caggctgccc tggcacccaa attgctgcca tgctggcatc tgtagctcgg    1800
tggttgaca ttctccccag ggacttcccg gttcctagtt ctttgccagc tcctccccac    1860
tctgtgcgac ctttccaagc cttccctcac cctccccgcc agcaccctct ttggggagca    1920
ggaacttaat ctgctgacag agctacacct ttcataacag gctcagatca ctcagctccc    1980
tgtgaccttt gtattcaccc aggccttccct ctcagtagct ctagtgggg gaggtgtcag    2040
ctggggccct cctgtgctat ctccccagag gacatccctg actccacccc tttcttctc    2100
ccaaactctg cacctcttcc tcagctgctc cagaccggcc agggtaacca gctaaccatg    2160
cctggcatct ggaagccagc aggccagagg gtggcccaaa ggctgatgaa cggtagggaa    2220
gggtgagcag attcctatgt tgggtgggcac caatattcca agggcagctc tctttgctga    2280
atgagggcct tctcgtgagg tactgacaac accagcaact cgagagctgg gaaactcaag    2340
gaggaggaag aaaatcaaaa ccaccctact ccctggggtg aggaaagaac aggaggggag    2400
gaggaggagt gtgctctgca cttgccttgc tccaggatgg ggtggcagca gaggaaatgtc    2460
acaggtcagc agcctaggcc tccagctata aatagtccgg agggcccag aggctcccgc    2520
ccgtccagca gggctgtcag cttcctgtgt ggcagcacct ggcacactgg ctctggccag    2580
cattatgcta aaacctgtt actctccaat gaaccaggga ggcgggctcc tctctgcgcc    2640

```

tatcccttga	gaattctgtc	ttaccagtga	aggggtggggc	tgcccagatc	aggcagcagg	2700
agtgaggggc	acagtcaccc	caggccttgc	tgagcccagg	tctgggtact	gagtgtccag	2760
agctgcctcc	ccaggagggtt	aaggtggggg	caaaggggaa	gcttcaagca	ctttggcct	2819

<210> 7304

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (553)...(335)

<223> similar to gi5257260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7304

tttttttttt	ttgatcaaaa	acctttattc	tggtcctcat	cattcaggaa	gccacttatg	60
cagaacactt	tctttcatct	ctgctctaag	cagcagcagt	tgcatccagg	cttgatatgg	120
aagacagaca	gaaatagtgg	aagaccttgc	agagaagagc	taattgatga	gatctctgct	180
tatcccggca	taggtgaagg	cagaacagga	agagtgtgtg	taagtgcaaa	gactccgttc	240
ttcaaagctg	aggcctgtgc	agaggggtga	actgaaggct	tcagatgaag	gctcacaaaa	300
ctgccccgct	cggcaatcaa	tctaaagtac	cttccagaaa	agcaaattca	tccacagctt	360
ctattgcatt	atccaagtct	ctcctctgaa	gggttttctt	ttttccctgc	tgagcgcaac	420
agtaggcatt	ttttgcaatg	gtctccacaa	acagttccgc	ggctcgtgcc	agaatgaaga	480
tggtttcctg	tcccgttagc	gtcacgtcgg	gatctgcctt	caccaaggcc	ttcactcgcg	540
ccagaggcaa	cctcgagaga	cgagccccag	gcacactcgt	tggggcctgg	ggctgcgagg	600
ccgctgcctc	cccagcaggt	cccaggccta	aagagcaacc	atactgtggg	acattctctt	660
ctcatggcag	acagcagaag	atcaagaggg	acgaaccaa	atatgccttg	tctcataacc	720
ttgtgcttag	aactggcact	ttgtcgcttc	cacccatgtt	ccacggatca	aagcaacaat	780
taaggccaag	ccccacatca	gtggagcagg	ggtgcacgtg	tcccttcagg	gagaatgggc	840
aagtcacacc	atgggcaggg	ctgtgtcacc	ctattacagg	gggaaactag	gagttgggaa	900
caacagttct	ttctaccaca	gatttagagt	gtactctt			938

<210> 7305

<211> 690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (639)...(348)

<223> similar to gi3288881 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

09483725.012100

<400> 7305

tttttttttt	ttgcatTTTT	gttatttttta	gttaaagaaa	aacagctttc	tccaagggcg	60
acaaagtgaa	ctgaagggtca	gaaggaagct	gggtgcgggc	ttcctgcaag	ctcttgctcc	120
aaaacctgga	agtgaggaga	gggcgctccg	gagctctggg	gaagggttgg	gcacacaggg	180
gttccgttgg	tgggggagaa	gagccgccag	cccacacacg	gtcactggat	tgggtgtgagt	240
gggttccaag	cgactgccat	gtgctagtcc	actgacatga	ttgacattaa	cattcttggg	300
gggcattaaa	ttaaggaatg	acacagggag	ccaagagagt	ggcttattcg	gttggattct	360
gaatcacaat	caggaaatag	tctttatctg	gtgcaaccat	aatttcattt	ttcttggagc	420
gaattcgaag	gaagggtgaga	tcgttctggg	ggtcgatgtc	acgcacgggtg	ctccgtgcct	480
tcaggatgaa	gctgtgcatg	aggctggcat	actgggtggg	ggtgggggtt	tccatggtgc	540
tcttgatggg	aatgccttct	gtgttcacga	cgatgattcc	ctgcactccc	ttctggctct	600
gcagtcgctt	cagtgtctcc	tccacctctg	ccatttccga	ccgatccggt	agccccgcgt	660
agcgaacact	tagcgagtcc	tgctcgtgcc				690

<210> 7306

<211> 1775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (343)...(1224)

<223> similar to gil255324 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7306

gtccgggtcc	gctgcctggc	gctgcggggc	gcgggccatg	gtggtttggg	ttgagccggg	60
cccggccggg	gcgccgagtc	ggaggggggtg	gcagtgagcg	gcggcagagg	ctacggggct	120
cggtttggct	gactggggag	tcggcaggcg	gcaggaacca	tgcgaggcca	gcggagcctg	180
ctgctggggc	cggcccgcct	ctgcctccgc	ctccttctgc	tgctgggtta	caggcgccgc	240
tgtccacctc	tactccgggg	tctagtacag	cgctggcgct	acggcaaggt	ctgcctgcgc	300
tccctgctct	acaactcctt	tgggggcagt	gacaccgctg	ttgatgctgc	ctttgagcct	360
gtctactggc	tggtagacaa	cgtagatccgc	tggtttggag	tgggtgttcgt	ggtcctggtg	420
atcgtgctga	caggctccat	tgtagctatc	gcctacctgt	gtgtcctgcc	tctcatcctc	480
cgaacctact	cagtgccacg	actctgctgg	catttcttct	atagccactg	gaatctgatc	540
ctgattgtct	tccactacta	ccaggccatc	accactccgc	ctgggtaccc	accccagggc	600
aggaatgata	tcgccaccgt	ctccatctgt	aagaagtgca	tttaccctaa	gccagcccga	660
acacaccact	gcagcatctg	caacaggtgt	gtgctgaaga	tggatcacca	ctgcccctgg	720
ctaaacaatt	gtgtggggca	ctataaccat	cggtaacttct	tctctttctg	ctttttcatg	780
actctgggct	gtgtctactg	cagctatgga	agttgggacc	ttttccggga	ggcttatgct	840
gccattgaga	aaatgaaaca	gctcgacaag	aacaaactac	aggcggttgc	caaccagact	900
tatcaccaga	ccccaccacc	caccttctcc	tttcgagaaa	ggatgactca	caagagtctt	960
gtctacctct	ggttctctgt	cagttctgtg	gcacttgccc	tgggtgccct	aactgtatgg	1020
catgctgttc	tcatcagtcg	aggtagagact	agcatcgaaa	ggcacatcaa	caagaaggag	1080
agacgtcggc	tacaggccaa	gggcagagta	tttaggaatc	cttacaacta	cggctgcttg	1140
gacaactgga	aggatttcct	gggtgtggat	acaggaaggc	actggcttac	tcgggtgctc	1200
ttaccttcta	gtcatttgcc	ccatgggaat	ggaatgagct	gggagcccc	tccctgggtg	1260
actgctcact	cagcctctgt	gatggcagtg	tgagctggac	tgtgtcagcc	acgactcgag	1320
cactcattct	gctccctatg	ttatttcaag	ggcctccaag	ggcagctttt	ctcagaatcc	1380

ttgatcaaaa	agagccagtg	ggcctgcctt	agggtagcat	gcaggacaat	tcaaggacca	1440
gcctttttac	cactgcagaa	gaaagacaca	atgtggagaa	atcttaggac	tgacatccct	1500
ttactcaggc	aaacagaagt	tccaacccca	gactaggggt	caggcagcta	gctacctacc	1560
ttgccagtg	ctgacccgga	cctcctccag	gatacagcac	tggagttggc	caccacctct	1620
tctacttgct	gtctgaaaaa	acacctgact	agtacagctg	agatcttggc	ttctcaacag	1680
ggcaaagata	ccaggcctgc	tgttgagggtc	actgccactt	ctcacatgct	gcttaaggga	1740
gcacaaataa	aggtattcga	tttttaaaaa	aaaaa			1775

<210> 7307
 <211> 1106
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (28)...(1002)
 <223> similar to gi5281121 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7307						
ggcacgaggg	ctgccacggc	atggagaatg	gtcccgcttc	tgttgagct	ggcgggtgctc	60
ggcgcggcgc	tggcggcgcg	agccctcgta	ctgatttcca	tcgttgcat	tacaactgct	120
acaaaaatgc	cagcactcca	tcgacatgaa	gaagagaaat	tcttcttaaa	tgccaaaggc	180
cagaaagaaa	ctttacccag	catatgggac	tcacctacca	aacaactttc	tgtcgttgtg	240
ccttcataca	atgaagaaaa	acggttgctt	gtgatgatgg	atgaagctct	gagctatcta	300
gagaagagac	agaaacgaga	tcctgcgttc	acttatgaag	tgatagtagt	tgatgatggc	360
agtaaagatc	agacctcaaa	ggtagctttt	aaatattgcc	agaaatatgg	aagtgacaaa	420
gtacgtgtga	taaccttgtt	gaagaatcgt	ggaaaagggtg	gagcgattag	aatgggtata	480
ttcagttctc	gaggagaaaa	gacccctatg	gcagatgctg	atggagccac	aaagtttcca	540
gatgttgaga	aattagaaaa	ggggctaaat	gatctacagc	cttggcctaa	tcaaattggct	600
atagcatgtg	gatctcgagc	tcatttagaa	aaagaatcaa	ttgctcagcg	ttcttacttc	660
cgtactcttc	tcattgtatg	gttccacttt	ctggtgtggt	tcctttgtgt	caaaggaatc	720
agggacacac	agtgtgggtt	caaattatatt	actcgagaag	cagcttcacg	gacgttttca	780
tctctacacg	ttgaacgatg	ggcatttgat	gtagaactac	tgtacatagc	acagttcttt	840
aaaatttcaa	tagcagaaat	tgtgtgcaac	tggacagaaa	ttgaagggttc	taaattagtt	900
ccattctgga	gctggctaca	aatgggtaaa	gacctacttt	ttatacgact	tcgatatttg	960
actggtgcct	ggaggcttga	gcaaactcgg	aaaatgaatt	agggttgtttg	cagtcttcag	1020
ttgtgttctt	atgcttcagt	gtcacatttc	atttcatttg	aaactaaaaa	tttaagtaaa	1080
gctgaaataa	acttctaaaa	aaaaaa				1106

<210> 7308
 <211> 2075
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (66)...(1898)
 <223> similar to gi3820978 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7308

tttcaagccg	actgtgtggc	agctgagagg	agttttgcac	gtggatcgcc	gttcgggtgg	60
gcgagatgga	gacagccccc	aagccgggca	aggatgtccc	gccaagaaa	gacaaacttc	120
agaccaagag	aaagaaaccg	cggcgatact	gggaggaaga	gaccgttccg	accacagccg	180
gagcctctcc	agggcctcct	cgtaacaaga	agaatcgga	gctccgtcct	cagagaccaa	240
aaaatgctta	catcttaaa	aagtctcgga	tctctaagaa	gcctcaggtc	ccgaagaaac	300
cccgagaatg	gaagaaccgc	gagtcaccgc	gcggcttgct	cggggcccac	gatccatttc	360
caggccccgc	ccccgtccct	gtggaaagtgg	tccagaagtt	ctgtcgcatt	gacaaatccc	420
gaaagctacc	acattctaaa	gccaaaactc	gaagccgact	tgagggtggct	gaagctgagg	480
aagaggaaac	aagtatcaaa	gctgctcggt	ctgagctgct	gcttgctgaa	gaacctgggt	540
ttctggaagg	ggaggatggg	gaagacacag	caaagatatg	ccaggctgac	attgtggagg	600
ctgtggacat	tgcaagtgc	gccaaagcact	ttgacttgaa	tctgcggcag	tttggaccct	660
acagactaaa	ctactctcga	actggaagac	acctggcttt	tggagggcgc	cgaggtcatg	720
tggctgccct	tgattgggta	acaaagaagc	ttatgtgcga	gatcaacgtc	atggaggcgg	780
tgcgggacat	ccggtttctc	cattctgagg	cactgcttgc	tgttgctcag	aaccgctggc	840
tccacatcta	tgacaatcag	ggcattgagc	tccactgtat	ccgccgctgt	gaccgagtaa	900
cacggcttga	gttcctgccc	ttccacttcc	tcctggctac	agcttcagaa	acaggggttc	960
taacctacct	ggatgtgtca	gtggggaaga	ttgtggcagc	tctgaatgct	cgagctgggc	1020
ggctcgatgt	tatgagtcag	aacccttaca	atgccgtcat	ccatctcgga	cacagcaatg	1080
gtactgtgtc	tttatggagt	ccagctatga	aggagccact	ggcaaagatt	ctctgtcatc	1140
gtggtggggg	ccgggctgtg	gcagtagatt	ctacaggcac	gtacatggcc	acctctggcc	1200
tagaccacca	gctgaagatc	tttgacttgc	gagggacgta	ccagcctctg	agcactcgga	1260
ccctgcccc	tggagcaggg	cacctggcct	tctccagag	gggactgctg	gtggcgggaa	1320
tgggtgacgt	tgtcaacatc	tgggcagggc	agggcaaggc	cagcccaccc	tcccttgaac	1380
agccctacct	cacccaccgc	ctctcaggcc	ctgtgcatgg	ccttcagttc	tgcccctttg	1440
aagatgtgct	gggggtgggg	cacactgggg	gcatcaccag	catgctggtc	cctggggccg	1500
gtgagcccaa	cttcgatggc	ctggagagta	atccatacag	aagccggaag	cagcgccagg	1560
agtgggaggt	gaaggccctg	ctagagaagg	tacctgcaga	gcttatttgt	ctggaccac	1620
gagccctggc	cgagggtgat	gtcatctccc	tggagcaggg	aaagaaggag	cagatagaga	1680
ggctgggcta	tgaccgcgag	gctaaggctc	ccttccagcc	aaagccaaag	cagaagggcc	1740
gcagctccac	ggcaagcctg	gtgaagagga	agaggaaggt	catggatgag	gaacacaggg	1800
acaagggtccg	gcagagcctt	cagcagcagc	atcataagga	ggcgaaggcc	aagcccacgg	1860
gggcccggcc	atctgccctg	gacagatttg	tgcgctgagc	cagactccag	ggttgccctg	1920
gaacagtctc	tccccaaagt	cacctgtagg	gaaatgagtg	ttccctggaa	caaggaggtg	1980
ggggcagtg	ggccccttcc	ccaactgggg	gtggacagct	gtctcctggg	gtgggttggt	2040
attaaagagg	aaagcgattt	tttggaaaaa	aaaaa			2075

<210> 7309
 <211> 1489
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (335)...(1089)

<223> similar to gi5679136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7309

```
gcggccgctc ctaccaccct gggcagccga gcagagtcgt cccagcggg tctccctccc 60
tgctccctg actttgcaac accgcgttcc gggaggaccg gcctcggcga gggaggaggc 120
gggggagctg cgaacaccca gacccaaacc ctgacatgct ctggggcgga gaggaggaag 180
ccaggagctg agcgcagccg cgtgtggctg cttcgccctc cggctccgag cgccgggctc 240
cgggcgccct gcccttgccg ctggggcagc agcctttgct ggtcttgggg gcgccccccg 300
cttcccgccc cggggggtccg cgggcggcag gaccatgctg ctgaaagagt accggatctg 360
catgccgctc accgtagacg agtacaaaat tggacagctg tacatgatca gcaaacacag 420
ccatgaacag agtgaccggg gagaaggggt ggaggtcgtc cagaatgagc cctttgagga 480
ccctcaccat ggcaatgggc agttcaccga gaagcggtg tatctcaaca gcaaactgcc 540
tagttgggct agagctgttg tccccaaaat attttatgtg acagagaagg cttggaacta 600
ttatccctac acaattacag aatacacatg ttctttctg ccgaaattct ccattcatat 660
agaaaccaag tatgaggaca acaaaggaag caatgacacc attttcgaca atgaagccaa 720
agacgtggag agagaagttt gctttattga tattgcctgc gatgaaattc cagagcgcta 780
ctacaaagaa tctgaggatc ctaagcactt caagtcagag aagacaggac ggggacagtt 840
gaggaagggc tggagagata gtcacagcc tatcatgtgc tcctacaagc tggtgactgt 900
gaagtttgag gtctgggggc ttcagaccag agtgaacaa tttgtacaca aggtggtccg 960
agacattctg ctgattggac atagacaggc ttttgcattg gttgatgagt ggtatgatat 1020
gacaatggat gatgttcggg aatacgagaa aaacatgcat gaacaaacca acataaaagt 1080
ttgcaatcag cattcctccc ctgtggatga catagagagt catgcccaaa caagtacatg 1140
acaatggatg aagtccgaga atttgaacga gccactcagg aagccaccaa caagaaaatc 1200
ggcattttcc cacctgcaat ttctatctcc agcatcccc tgctgccttc ttccgtccgc 1260
agtgcgcctt ctagtgtcc atccaccct ctctccacag acgcacccga atttctgtcc 1320
gttcccaaag atcggccccg gaaaaagctt gccccagaaa ctctcacact tccagaccct 1380
gagaaaaaag ccacctgaa tttaccggc atgcactctt cagataagcc atgtcggccc 1440
aaatctgagt aactttatat aaatatctca tgggggttta tattttcaa 1489
```

<210> 7310

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (410)...(834)

<223> similar to gi5912212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7310

```
caagactgtc cgcactctggg tacccaatgt caaaggtgag tccactgtgt ttctgtgcaca 60
cacagccaca gtgaggagtg tccacttctg cagtgatggc cagtccttcg tgacagcctc 120
tgacgacaag acagtcaaag tgtgggcaac tcacgcccag aaattcctgt tctccctgag 180
ccagcatatc aactgggtcc gctgtgccaa gttctcccc gacggggcggc tcacgtgtc 240
tgccagtgat gacaagactg ttaagctgtg ggacaagagc agccgggaat gtgtccactc 300
```

gtattgtgag	catggcggct	ttgtcaccta	tgtggacttc	caccccagtg	ggacgtgcat	360
tgccgctgcc	ggcatggaca	acacagtga	ggtgtgggac	gtgcggactc	accggctgct	420
gcagcattat	cagttgcaca	gtgcagcagt	gaacggggctc	tctttccacc	cgtcgggaaa	480
ctacctgata	acagcctcca	gtgactcaac	cctgaagatc	ctggacctga	tggagggccg	540
gctgctctac	acactccacg	ggcatcaggg	accagccacc	actgttgcct	tttcaagaac	600
gggggagtat	tttgcttctg	gaggctctga	tgaacaagt	atggtttgga	agagtaactt	660
tgatattggt	gatcatggag	aagtcacgaa	agtgccgagg	ccccagcca	caactggccag	720
ctccatgggg	aatctgacag	tctccattct	ggagcagcgg	ttgacactgg	aagaagacaa	780
gctgaagcag	tgtctggaga	accagcagct	aatcatgcag	agagcaacac	catgatcagg	840
ggagcaggaa	tcaggagctc	ggtggatttg	caggtggcag	gccagggatt	tgtaccatgg	900
gacttgggta	aataaagggg	actgaactct	gtgggaatca	catccataa		949

<210> 7311

<211> 1363

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1224)...(221)

<223> similar to gi4929605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7311

tttttttttt	ttggtggcaa	gtgagattta	tttaaacaa	gacatgtcaa	caggaacagg	60
aagaggaaca	tgtgcgacca	ctgtagtga	caaggcttct	caagagtgtg	ggatgagacc	120
tgccgacgag	gccccccac	cgctcaggga	gcttgcagg	ctcctccagg	agggcaagt	180
gcttcggctt	ctggctcggc	ataagccttc	gacagattaa	taagtatat	ccttcagccc	240
aagctcattt	cctccttttg	ttgccagca	aaggcagtaa	tgccgcatga	gctgctccag	300
cagctccatt	tcattccagg	attcaagtga	ttctatcctg	ctcacttcag	ctcgaggtaa	360
cctgttgtac	aactccatca	tgtcgacggc	cgatgctgtt	tcccacccat	tcgacaggag	420
ccgttctttc	tgtgactcta	atgacttgca	ggtctccact	cccgccagg	cacactggcg	480
tctccgcagg	ttttcaatca	tgatctgccc	aaaccgatca	cccatgttca	cctgttcgta	540
gtttatgaac	atggctctct	caaaactgtt	ggctgcccac	ttcaggagg	ttgcggactg	600
ctctggagtc	atgtaaacca	gcacacattc	agctatcagg	agtgttggca	attgtgtatt	660
catgttacat	ttcttttagct	tctcttccag	ttcagacagg	tctcgagat	ctgctccaat	720
aacggcatat	ctctttgaat	ccagtatgtg	tccatccatc	tgaagtgtgt	cctctgaatg	780
cagttctaga	atggggctgg	ataggggagg	cttgcatttg	atactgtgca	gctttctcgt	840
gacaatcatt	ggaaagtcaa	cctcaaaata	tttacttggg	agaagatctt	catccttta	900
tctccagaag	gtggtatcca	tgccctgccc	aagggttgaca	atttgacaat	gacattctgt	960
cttccgtaga	aatgccttta	taagctgact	gacaccatgg	actcgagcaa	aataatcctct	1020
gttgatttca	ggggctttcc	tctctttaga	cagtctcaca	aagtgtgtga	tgtgaagggtc	1080
atgccagtag	ccaatgctta	ctgcaaacct	cttgacacagg	gaagcatctt	cgcagggtgcc	1140
gcgcacgccc	tcgtcgtctg	cgctcgagct	cgagggtggaa	cagcaggagg	tgatagagga	1200
ttccctctgc	ctagtggcca	tgggcgtgga	ggttcctggg	agctgtgtcc	gccaggggaca	1260
tggaagcggg	gtcgacgggc	ggcgggggac	ggcgcgagcc	acaggggagaa	agcaacagaa	1320
gagggtaggg	ccctacctgg	ctcagctggc	gcggctcagt	gac		1363

<210> 7312
 <211> 3372
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3271)...(1219)
 <223> similar to gi5817280 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7312

aagctcacag	caaagagaag	ggtcctgaaa	gcaagttgcc	agttgcccc	ttcacagttg	60
aatacaagg	tgtaaggcac	gaatttctgg	tggtccacc	ccatccttcc	agtgtgcctg	120
tgggccctta	gtctgagcca	ctccatatta	atttatatcc	cttgctgtgc	atatgttacg	180
gaatggaatt	ttccacgtgg	acatgtttag	gcaatcccc	ctttgcaagt	tcccttatct	240
gcacaaagca	tctcatgctg	tggagccagt	ggcaggttct	ccgggaccct	tcccttactg	300
tctgcctaaa	gcaaactggc	taaattcttt	cacaagtttt	tctttttctt	ttttttcttt	360
ttctttcttt	ttttttttcc	aatttgcatt	agaaagcttt	tattgagacc	aggttaacca	420
gtggcctgaa	aatattacag	gctgaaggaa	ggctgaggaa	accagtatga	aggcagctca	480
aatgatgaac	taaatatatt	ccaaaggtag	tatttatact	taaggcagtt	ttaaaagtga	540
ggtcttaacc	aaaaagcctt	tacatggcat	tcaaaacaaa	aacaaaaaca	aaaaaaacac	600
gggggggggg	ggggcactta	aatctcttgg	attgactaaa	agagctaaat	tatgtacca	660
aaatctgtac	agcagggggc	tgttttcagc	aggaaagcct	atgtacaagt	aagaacctct	720
tactcttgta	acattgtcct	gttttgtttt	gtcttataag	aatatataac	tcctatcctc	780
acagagtttag	tccataaggc	ctcagtgacc	tcacagaaat	atggagttaa	cctctactac	840
agaactattt	acactgcact	gtaaatacac	atatgtgtgt	ccaccctcac	agctaagctg	900
tcaatgcctt	gagtgaagg	gttacagctc	attcgttttg	catctacagt	gacaatgaat	960
aggcactcaa	tacatacttt	tttttgcatt	aatgataaat	gaaatgattt	tacattacca	1020
ccactattta	cattaacatt	cctaccatta	gccgtctcca	aaataaaaa	acaaaattgc	1080
tgccacatgt	tcagcagttt	tcacaataca	gtgtgtctgg	actttttaat	gtaaacaaac	1140
atgcttgatt	taccaatttt	cagagcaagg	acacaaactt	agcattcttc	taggaatgga	1200
aaacttgcca	ggaagttact	tcattctttt	tttttttttc	aaaagtgcac	ctcgtagtgc	1260
caactgtttt	tctcggaagg	aacgcttatt	ttttgaccgg	acattctggc	tataccgcat	1320
catcataaag	ttcttctgtt	ttttcttctc	tttatttgtc	gaactggaaa	atggatttgt	1380
tttggttttc	ttcctcacaa	attcttttct	gtctgtcttt	ccagccattg	cagttgctag	1440
tcttgtctct	ttgtcagact	ttggcttttt	atgaaggcgt	tcaatgtccc	gaagagaaag	1500
taattcaccc	ctgggctctt	catcactgtc	tatttcaatg	tatttcctct	tctgggattt	1560
cccgggggca	gcatcaagtt	cttttctcat	ttgggccatg	cggattttct	ggaagtcttc	1620
ctgagttaaa	actcggctag	tgtgatggc	tgcagctttg	gccttccgct	cctccatggg	1680
catgctgttc	agcttcttgg	agatttcttg	ctgttcttca	tcggaagagt	gttgacatc	1740
aatccattca	ccatcagcat	cctcctcctc	actgagactg	gtactttccc	atccatcttc	1800
atcattttca	gcattctctt	ctttctcaac	ttccagaact	tctgctcctg	gaatgtaatc	1860
tttagcatct	aattctccat	attcttgtac	tcttgcttct	atggaggcct	ctgtaggctt	1920
accccggaat	ttcttctgca	gcatctgagg	attcagtggt	cggagagggt	gaatcaaagt	1980
tctagcagac	atcattacat	tcttatcctt	gtgtgtttta	tactgagcca	ggctctggag	2040
aagttcttca	gtcatggcca	gaggacatcg	agctgttatc	tcctttatag	cattgattcc	2100
tactgtcatg	acttctccag	agttcttgtc	ggtaacaaaa	ttgtttgcca	cagtcataag	2160
caatgattga	ataatctctg	gggttactag	gtgatgagat	gcttgtgcag	caaacagaag	2220
gatcttgggt	acttctcttt	gggtgggctg	cagaaacctt	tgcaaaaagg	gatagaaatt	2280
gaagaggaaa	agctcatgaa	ttcccaccaa	tctggagata	aggttcatga	gcatcatctt	2340
cacttcaaac	ctctccttac	agcactcaag	ctgcttttagt	agtttttccg	caaatcttgg	2400

gggatcatga	atcaagtga	tggctgaaaa	gttaaacacc	tctggttttt	tcttcttcct	2460
gtgtttcttg	agcactttca	ttgccttttc	caactttttc	ttgttttttg	aactttttctt	2520
ccctgtagca	tattgtacta	gcaggtctct	tgctgttggt	ccatcatcct	cagattcgga	2580
gtcactgtcc	tgtttttcat	cttcatcttt	cccaagaaag	aatgtcaaag	cggcaactaa	2640
tatcttggtg	accttagaga	aacatgcagt	tgtgataaca	ttgacagttt	ttgcatcatt	2700
ccagatgttc	cttctgtaga	gttcaatcat	tacatctaaa	gacatcttgg	ctgcggttgc	2760
attgctatct	cttaacatgg	tgtacatgaa	atthttgcaat	actacattca	ctttattgtt	2820
cttgtgtttt	gcattttatat	tcttgatata	agtcacaata	tgtgtgtata	aagtctttcg	2880
cagaagttta	tcatggcaac	gaaaaagttc	aaagaagagt	tctagcaggc	ttgatggatt	2940
gatgagattc	ttattttctca	gcaagatcaa	agctttgcaa	aatgtcattc	gcagatctgg	3000
atccaatacg	gtatgattgc	aggagagaag	atctttcacc	tcttgaggaa	aattacttag	3060
gtactctggg	tagcagtgc	taatctgtgc	cataaacatc	accagctctg	ctagtctctt	3120
gctgggttta	tttggttgca	atttgaaaat	ctccacattg	gattttagt	gattatactg	3180
ctgtagaaac	tcctcgatgt	aggccggcgg	gtctcgcttg	attagattct	gtaactgcgg	3240
caggttgctg	ggaagcttgt	tgttgtttct	gttggacatt	ttggctgcag	acagacttcg	3300
cggcgagcag	ttttaaaaaa	actcagacgg	ccggcacccc	gcaatccctg	ccagctgcag	3360
cttggaactcg	tg					3372

```

<210> 7313
<211> 2152
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(1367)
<223> similar to gi2315363 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7313	
tttcgtggag	acctgtgtgg ccagaggggc ggatccgccc ccggggaggg aggaagctct 60
gcctggccag	cgccggcgca cccctcccc gagagagaga gagagagaga ggctctttgt 120
ccggggccgga	gctgcagcgg agggggcggg gaggagactc cgggcactac tccagtgtgg 180
tccctctctg	agggcgaggg ggatgaggag ctgcgccta atccttatgt ccgctttcct 240
tacagatggt	gggcagtggt ggtgctggct gcgttcccc ccctaggggc aggtggggag 300
actcccgaag	cccctccgga gtcatggacc cagctatggt tcttccgatt tgtggtgaat 360
gctgctggct	atgccagctt tatggtacct ggctacctcc tgggtgcagta cttcaggcgg 420
aagaactacc	tggagaccgg taggggcctc tgctttcccc tggtgaaagc ttgtgtgttt 480
ggcaatgagc	ccaaggcctc tgatgaggtt cccctggcgc cccgaacaga ggcggcagag 540
accaccccg	tgtggcaggc cctgaagctg ctcttctgtg ccacagggt ccaggtgtct 600
tatctgactt	gggggtgtgct gcaggaaaga gtgatgacct gcagctatgg ggccacagcc 660
acatcaccgg	gtgagcgctt tacggactcg cagttcctgg tgctaatagaa ccgagtgctg 720
gcactgattg	tggctggcct ctctgtgtt ctctgcaagc agccccggca tggggcacc 780
atgtaccggt	actcctttgc cagcctgtcc aatgtgctta gcagctgggt ccaatacgaa 840
gctcttaagt	tcgtcagctt cccacccag gtgctggcca aggctctaa ggtgatccct 900
gtcatgctga	tgggaaagct tgtgtctcgg cgcagctacg aacactggga gtacctgaca 960
gccaccctca	tctccattgg ggtcagcatg tttctgctat ccagcggacc agagccccgc 1020
agctccccag	ccaccacact ctacggcctc atcttactgg caggttatat tgcttttgac 1080
agcttcacct	caaactggca ggatgccctg tttgcctata agatgtcatc ggtgcagatg 1140
atgtttgggg	tcaattttctt ctctgcctc ttcacagtgg gctcactgct agaacagggg 1200

```

gccctactgg aggggaacccg cttcatgggg cgacacagtg agtttgctgc ccatgccctg 1260
ctactctcca tctgctccgc atgtggccag ctcttcatct tttacaccat tgggcagttt 1320
ggggctgccg tcttcacccat catcatgacc ctccgccagg cctttgccat ccttctttcc 1380
tgccttctct atggccacac tgtcactgtg gtgggagggc tgggggtggc tgttgtcttt 1440
gctgccctcc tgctcagagt ctacgcgcgg ggccgtctaa agcaacgggg aaagaaggct 1500
gtgcctgttg agtctcctgt gcagaagggt tgagggtgga aagggcctga ggggtgaagt 1560
gaaataggac cctcccacca tccccttctg ctgtaacctc tgaggggagct ggctgaaagg 1620
gcaaaatgca ggtgttttct cagtatcaca gaccagctct gcagcagggg attggggagc 1680
ccaggaggca gccttccctt ttgccttaag tcacccatct tccagtaagc agtttattct 1740
gagccccggg ggtagacagt cctcagttag gggttttggg gagtttgggg tcaagagagc 1800
ataggtaggt tccacagtta ctcttccac aagttccctt aagtcttgcc ctagtctgtc 1860
tctgccacct tccagactca ctcccctctg caaatacctg catttcttac cctggtgaga 1920
aaagcacaag cgggtgaggc tccaatgctg ctttcccagg aggggtgaaga tgggtgctgtg 1980
ctgaggaaag gggatgcaga gccctgccc gcaccaccac ctccatgct cctggatccc 2040
taggctctgt tccatgagcc tgttgagggt tttggtagct tagaaatgta actttttgct 2100
cttataactt tattttatta aattaaatta ctgcagtggg aaaaaaaaaa aa 2152

```

```

<210> 7314
<211> 3928
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (155)...(2367)
<223> similar to gi28382 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7314
gggaccggcg ctcagctggc ggcgcgctcg ccggccgagg tgggatcccg aggcctctcc 60
agtccgccga gggcgaccca ccggcccgtc tcgcccgcgg cgccggggag gtggagcacg 120
agcgcacgtg ttaggaacct agaaagattg tacaatgaat ggtgattctc gtgctgcggt 180
ggtgacctca ccacccccga ccacagcccc tcacaaggag aggtacttcg accgagtaga 240
tgagaacaac ccagagtact tgaggggagag gaacatggca ccagaccttc gccaggactt 300
caacatgatg gagcaaaaga agaggggtgt catgattctg caaagccctg ctttctgtga 360
agaattggaa tcaatgatac aggagcaatt taagaagggg aagaacccca caggcctatt 420
ggcattacag cagattgcag attttatgac cacgaatgta ccaaatgtct acccagcagc 480
tccgcaagga gggatggctg ccttaaacad gatccttgg atggtgactc ctgtgaacga 540
tcttagagga tctgattcta ttgcgtatga caaaggagag aagttattac ggtgtaaatt 600
ggcagcgttt tatagactag cagatctctt tgggtggtct cagcttatct acaatcatat 660
cacaaccaga gtgaactccg agcaggaaca ctccctcatt gtcccttttg ggcttcttta 720
cagtgaagtg actgcatcca gtttggttaa gatcaatcta caaggagata tagtagatcg 780
tggaagcact aatctgggag tgaatcaggc cggcttcacc ttacactctg caatttatgc 840
tgacgccccg gacgtgaagt gcgtcgtgca cattcacacc ccagcagggg ctgcggtctc 900
tgcaatgaaa tgtggcctct tgccaatctc cccggaggcg ctttcccttg gagaagtggc 960
ttatcatgac taccatggca ttctggttga tgaagaggaa aaagttttga ttcagaaaaa 1020
tctggggcct aaaagcaagg ttcttattct ccggaaccat gggctcgtgt cagttggaga 1080
gagcgttgag gaggccttct attacatcca taaccttgtg gttgcctgtg agatccaggt 1140
tcgaactctg gccagtgcag gaggaccaga caacttagtc ctgctgaatc ctgagaagta 1200
caaagccaag tcccgttccc cagggtctcc ggtaggggaa ggcactggat cgcctcccaa 1260

```

gtggcagatt	ggtgagcagg	aatttgaagc	cctcatgcgg	atgctcgata	atctgggcta	1320
cagaactggc	tacccttata	gataccctgc	tctgagagag	aagtctaaaa	aatacagcga	1380
tgtggagggt	cctgctagt	tcacagggtta	ctcctttgct	agtgcagggtg	attcggggcac	1440
ttgctcccca	ctcagacaca	gttttcagaa	gcagcagcgg	gagaagacaa	gatggctgaa	1500
ctctggccgg	ggcgacgaag	cttccgagga	atggcagaat	ggaagcagtc	ccaagtcgaa	1560
gactaagtgg	actaaagagg	atggacatag	aacttccacc	tctgctgtcc	ctaacctgtt	1620
tgttccattg	aacactaacc	caaaagagggt	ccaggagatg	aggaacaaga	tccgagagca	1680
gaatttacag	gacattaaga	cggctggccc	tcagtcccag	gttttgtgtg	gtgtactgat	1740
ggacaggagc	ctcgtccagg	gagagctggt	gacggcctcc	aaggccatct	ttgaaaagga	1800
gtaccagccc	cacgtcattg	tgagcaccac	gggccccaac	cccttcacca	cactcacaga	1860
ccgtgagctg	gaggagtacc	gcagggagggt	ggagaggaag	cagaagggtct	ctgaagagaa	1920
tctggacgag	gctagagaac	agaaagaaaa	gagtcctcca	gaccagcctg	cggtcccca	1980
cccgcctccc	agcactccca	tcaagctgga	ggaagacctt	gtgccggagc	cgactactgg	2040
agatgacagt	gatgctgcca	cctttaagcc	aactctcccc	gatctgtccc	ctgatgaacc	2100
ttcagaagca	ctcggtctcc	caatgttaga	gaaggaggag	gaagcccata	gacccccaa	2160
ccccactgag	gccccactg	aggccagccc	cgagccagcc	ccagaccag	ccccgggtgg	2220
tgaagaggct	gccccctcag	ctgtcgagga	gggggcccgc	gcggaccctg	gcagcgatgg	2280
gtctccaggc	aagtccccgt	ccaaaaagaa	gaagaagttc	cgtaccccg	cctttctgaa	2340
gaagagcaag	aagaagagt	actcctgaaa	gccctgcgct	aacactgtcc	tgtccggagc	2400
gaccctggct	ctgccagcgt	ccccggccac	gtctgtgtct	tgtccttgtg	taatggaatg	2460
caaaaaagcc	aagccctccg	cctagagggtc	ccctcacgtg	accagccccg	tgtagccccg	2520
ggctgaccca	gtgtgtgtct	agcagcccca	ccccaccctg	ccccttgtcc	tctcagagcc	2580
tcagcttctg	ggggagacat	gctctcccca	caggggggag	gcactaagtc	atggtcctgg	2640
ctggaaggta	ctgaaggctt	ctgcagcttt	ggctgcacgt	caccctcctg	agcctcacct	2700
ttcctgccgt	ccctcctgtt	gtgaaatcac	cacattctgt	ctctgcttgg	cttccccctc	2760
accctaaagt	ctcaggtgac	ggactcagac	tcctggcttc	atgtggcatt	ctctctgtct	2820
agtgatctca	cttaaatcta	tatacaaagc	cttgggtccc	tgaaaacact	cgtgtgcccc	2880
ccagcggcct	tgaagaggca	ggtctgggcc	agatgctggg	caggaaaccc	cagcggcaga	2940
tgggcctgtg	tgcacccaac	gtgatgctat	gcatgtctga	ccgacgatcc	ctcgaccaga	3000
atcagattca	ggagctcagt	ttctttttca	cttgggtctc	tggattcctg	tcatagggaa	3060
ggtatatcag	gaggggaaga	ggcctttcta	gaattttctt	tgagcagggt	tacaatttag	3120
cttacatttt	tcgactgtga	acgtgaatag	gctgcttttt	gctttcttct	ttccagaccc	3180
cacagtagag	cacttttcac	ttatttgggg	gaggcttcag	gggactgttc	tcaccttaac	3240
tcagccagaa	agatgcccta	gttgtgatca	aaggtaactc	gagggtggagg	gtagccctgg	3300
ggccccctga	catcacctgc	attgatggag	cctgaaccgt	gtgctcctcg	gcagatgctg	3360
ttgttggttac	ttccctccaa	gaggctggaa	aagggtcag	agctgctgag	caggaaccgg	3420
agggtgaccc	atttcaggag	gtgccggtac	cagcctgact	aggtacaggc	aagcttgtgt	3480
gggccaaca	ggcccttgg	agagctgggtg	ccagatgtgg	gctcagatcc	tgggcatgat	3540
gggcccagcc	acctcgatc	ccactgattg	gccagccgag	cgagaaccag	gctgctgcat	3600
ggcactgacc	ggcgcttcca	gcttcctctg	agccgcagg	cctgctacgc	gggcaagcgt	3660
gctgcctctc	ttctgtgtcg	ttttgttgcc	aaggcagaat	gaaaagtcct	taaccgtgga	3720
ctcttccttt	atccccctct	ttacccccaca	tatgcaatga	cttttaattt	tcacttttgt	3780
agtttaatcc	tttgtattac	aacatgaaat	atagttgcat	atatggacac	cgacttggga	3840
ggacagggtcc	tgaatgtcct	ttctccagtg	taacatgttt	tactcacaaa	taaaattctt	3900
tcagcaagtt	ccttgtctaa	aaaaaaaa				3928

<210> 7315
 <211> 3898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (3411)...(1271)
 <223> similar to gi3184389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7315

ttagaacggc	cgcccctttt	tttttttttt	cttaaaaaga	aatggtttaa	tttcattttt	60
atctgggaaa	aaaaccacaa	atacgagttt	aaaatgaaat	gacaaataca	ttgacatgtc	120
aagtgtcatt	ttttatggta	ttatgcttat	tcaagggtgtg	aagatacaga	acctctttat	180
aaatttctgg	catcaaagat	tcccaccgta	gataaaaaca	ggttggttat	aaaatgtcaa	240
ttcattaaat	attcaatttt	tgttctttgt	ttttataagg	aatattttgt	agaaacagta	300
taaaatagag	tagacttttg	gaaattgaat	tataaaattt	tagaaaaaag	tgtaagtcc	360
taacttttct	ttgcgaacca	acaagagagt	ctagttttac	cttggggagt	tacctgtgaa	420
gtgcattagg	cggctagagc	tgtttcagag	ccctggggtt	tatacagtag	aagcagcctt	480
ctttagcact	tagaatacga	ccccagcttt	ttccagttag	cctcaatcag	aaaagtttaa	540
catacatgaa	tatttctata	gtgcagtaaa	agtgtcattt	tattaatttg	cattatgaaa	600
ataagtctgt	ataccaagta	atgcataatg	aatatgaatc	atgtaaattt	ggtcacggta	660
tttgaagttg	gctttggctc	tgaagtattt	ttgaattcat	agaaaatatt	gagcttttaa	720
taaaataaat	aaaacatttt	aattgatatt	aataatcaag	ttcaaatttt	aatttttcat	780
ctgctactca	atttttaaag	agaagtcact	ctcagtagtg	ttcccaagtg	agcgattgca	840
ccttctatga	tgtgaaaaag	ttgctaaaga	tcctattgcc	attagccgtt	cttaagtgtc	900
gaacgtaact	gagagaattg	tttgcaatag	acatgctctg	tcactggcag	gaagtccatc	960
aatacccttt	gcaggggcac	tccagacctt	gtgtttttacc	agaaactgag	gcaaaccgtg	1020
gtcctcatgt	gcctttctga	agagctcctg	cagcaggccc	aggctacagt	ggccaagtct	1080
cacttgacag	taatggcatt	ggatgggtgg	tgcagaaggt	tactgatgtc	cccgtgggct	1140
ttcacaggct	atgcagatcg	ggggctgttc	tgcctagtac	tgaaaggacc	aaggagctct	1200
ggctgccttc	aggaattcca	aatgaccgaa	ggaacaaagc	ttcagggttc	tgggtgggtg	1260
ctcccactat	tcaggagggt	gtcggagggt	ccgcagcttc	atttcgtcca	gtcctttcca	1320
gtattttaaag	ttgttgtcaa	gatgctgcat	taaatcaggc	aggtctacaa	aggcatccca	1380
agcatcaaac	atgtctgtga	tgaagtaatc	aatgaaagag	atttgggatt	tggggatgct	1440
gcagggtattt	ctgtcaaaaca	ctggcatcac	cacaggtaag	ccctgctgct	tctcttcac	1500
agtctgagaa	aaatattctt	ccgaaatgcg	tgcagcccac	tcgatgcagt	actgcagggg	1560
tcggcaggga	ttggacacat	cagcacattt	aatcagcatt	cgtttgatta	gggtccgggt	1620
ctctggagtc	ctaagcatag	tgtttatcac	ttcctgggtt	ttatcagttt	ccccattttc	1680
ttctagtgtt	gccaaggggt	tgttgatgct	gttgacaaat	ttgttgacat	gctcaaagtg	1740
ctttgtcatt	tctgtggcta	agaccatgtc	gataatcccc	tggcgagctg	tccgataatc	1800
attcctctcc	atgtttttta	atatattgca	tttatcatct	ccagtgggtca	gctggaaggc	1860
caaggccgca	tgggtggctct	ccagcacagc	agtgtcattg	tacaaaatgg	ccagctcact	1920
tccagcatta	cacaggaagg	agttggttct	cccagggtga	tccacatcat	gaatggtggc	1980
tgcgatgagt	gcagcgacct	catcaatttg	atctaaagtt	tccttttatcc	tctccttgga	2040
gagaaaatag	gcagtggcat	gaagcacatc	agcagaatgt	gtagaattgt	ggtagggatt	2100
ggaggaatga	taattggctt	cgataatttg	taaccatgat	cttagcgttg	actcggagca	2160
gtgtaagaat	tcacagattc	caaagcgagc	aaacattttg	agaccaagat	aaatcaaagg	2220
cctattgtgg	gtggcagcct	ccagttcaaa	aatatcaaag	tcccagtatt	cctcattttc	2280
catggcccga	gctatccgtg	gtgggacatc	atcaaggag	atgggagtga	ttatatgtct	2340
tgaaccattt	tgagtgtttt	ttgttgaaag	aacatattca	ttccctgata	gtcttcgcaa	2400
accatcagac	attaagcccc	caacaaggtc	attggcatgg	ggatcatcat	ctttagcacc	2460
aaactgtggt	gaatataact	cagtggttct	tagaatttcc	agcacacggg	ctagggcttc	2520
tgtcacaggc	atgggactac	tttctggggc	agcattgata	atattgatta	ccttggtgat	2580
gggcgctca	attgtcatgg	aatgtatccg	ggccatggaa	gagtgtcgtc	tctggctgga	2640
aacttcagtt	gcacgggagg	caacagcttt	gacgtctagt	gagccttttc	tcctgtcttt	2700
atgtttgcct	gtctgattat	ctgtatgagt	gtcagactga	acacattcgg	atattttctc	2760
agccttattg	ttgccattgc	acactctgat	aatggacaca	tagtgtctaa	tttttctctc	2820
ctgtccaatg	acagggtatta	tcttcacatt	ttgttgtata	ttatctccgt	ttttcttttt	2880
ggcatagtaa	attccttgcc	actccttgcc	tatcctgatg	catgaattta	tagtatcgag	2940

09483725.012100

caagtcagcc	tttttttcat	ttataggcac	ttctcctaac	tccttcccta	ttaattcacc	3000
tgactgatag	cccattgttg	tttcaaatgc	aggatttgca	tactgtataa	aacggtcttc	3060
gcttgtaatt	tcaattgcat	cttcaactgtt	ttctaatagca	gtgaataactg	agttacaagc	3120
cctgagtttc	agttgtgatc	gcacctctcc	aaactccagc	tggagcagtt	cattgtagca	3180
ggccatgatg	ttgggggtttt	ctacatacct	ccttgtaaata	ccagcagaaa	tgaaaggcat	3240
tacggacaac	tcttctctat	ccaccctgcg	tactacacca	acaataaactg	tgttttctga	3300
gagttttgat	gatctgatag	acctgcacag	tgccctctgca	tccagctgtc	gaggatttct	3360
gtggtctatg	atgataatgt	catgatgttt	gtccaggaaa	caggcaagga	cagcctgagc	3420
ctccttggtg	actgtacact	taaaccctgc	tttttcacat	gccctgcaga	atccattaca	3480
ttggttatct	tcttttggtaa	acactaaaag	tacctgaagt	tgatcttgat	gaaatctcat	3540
ggggccaaac	tgacatcag	ctactgtctac	cttcttgccc	gctgccgttc	cgaaaccccc	3600
gatctccaaa	gagcccggcg	ccgcgggtcc	ggggcaaggc	ggccgtcttc	tgccctgcg	3660
ggaggcgcg	cccgcgggac	gacagcggcg	ggtgccgcgg	ggctaggcgc	gtcctcggcc	3720
accaggcgct	cggaaatgtg	gatgctcggg	gcacagccca	tgctggcgcg	ggcgccgcgg	3780
acacgctggc	gggtagccgc	gatccggtca	gcaaacggcc	caccgcggcg	ctccggggccg	3840
ccgcggggcg	cgtgtcatcg	ccgcctggaa	gggcaggcgg	cgagcgcgga	tctcgcg	3898

```

<210> 7316
<211> 1663
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(722)
<223> similar to gi3877251 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7316						
ggaacaccaa	tggcggggta	cttgaagctg	gtgtgtgttt	cctttcagcg	tcaagggttc	60
cacactgttg	ggagtcgctg	caagaatcgg	acaggcgctg	agcacctgtg	gctgacccga	120
catctcaggg	acccatttgt	gaaggctgcg	aagggtggaga	gttaccggtg	tcgaagcgcc	180
ttcaagctcc	tggagggtgaa	cgagaggcac	cagattctgc	ggccccgcct	tcgggtgtta	240
gactgtgggg	cagctcctgg	ggcctggagt	cagggtggcg	tgacagaagg	caacgccgca	300
ggcacagatc	ccagctctcc	tggttggttc	gtgcttgggg	tagatcttct	tcacatatct	360
cccctggaag	gagcaacttt	tctgtgccct	gctgacgtga	ctgacccgag	aacctcacag	420
agaatcctcg	aggtgcttcc	tggcaggaga	gcagatgtga	ttctgagcga	catggcgccc	480
aatgccacag	ggttccggga	cctcgatcat	gacaggctca	tcagcctgtg	cctgaccctt	540
ctcagcgtga	ccccagacat	cctgcaacct	ggggggacat	tcctttgtaa	aacctgggct	600
ggaagtcaaa	gccgtcgggt	acagaggaga	ctgacagagg	aattccagaa	tgtaaggatc	660
atcaaacctg	aagccagcag	gaaagagtca	tcagaagtgt	acttcttggc	cacacagtac	720
cacggaagga	agggcactgt	gaagcagtga	ggatttcttg	tgccattttc	ataatgggtca	780
ttagctcctt	ttaagctaga	aacgtagcct	gagctcctga	agagttcctg	ggagatttga	840
gctgattttg	gagatggagc	aggacaagtg	gggagtctct	ctctctcttt	ctctctctct	900
ctttttaacc	aaaaagagat	gacaaaacta	agttcagggg	ccatggaaaa	tgaaaaagtc	960
cgctatatattg	tgatttgagg	agagaaagtt	atcaagagaa	agaggtgagg	atggaaggat	1020
ggagaaaaaac	agactgtggg	aaggatcaga	aggaatccgc	cgaggcaggg	atgggtgtgc	1080
ccatgtgtgc	cttgacggga	cttcatctta	tagactgtta	aactgtcaca	cacaaacagg	1140
ctttccaccc	ctgctctgag	agcaccacgc	acagatttcc	agttcttagt	gtggctgttt	1200
aaagtagaaa	atctgggggc	tgggtgaggc	cactcatgcc	tgtaaaccga	gggctttaga	1260

aggctgaggc	tgggggattg	cttgaagtca	ggagttcaag	accaacctgg	gcaacatagc	1320
aacaccccc	atgtctacaa	aaatgaaaaa	ccaaaaagca	aacaaaaaga	aaaatctgaa	1380
atttccatct	ggggattaac	ttctgtcttt	ctggtgaaca	atatagcaat	tcacgcattc	1440
ttcaagcagc	aaaagttccc	ggaacaatta	gggaagacgt	atggtctgaa	tttatccagg	1500
cagtgggtct	gctttggttt	ttgctggaaa	tttatatcag	tgtctgggct	cccaagaaca	1560
taaatgtaat	tgccaaagca	agcagtgatg	tgggtgtgtt	attttctttt	actcatctag	1620
gaacttgacg	cagctttata	tttaataaaa	taatagagat	tgc		1663

<210> 7317

<211> 2426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2293)...(671)

<223> similar to gil232175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7317

ttttttggtt	ttgaaatgct	tggttaacat	tgacttgaac	agtacagtgt	ggaggctctc	60
atcacaaagca	gcacaggaca	tcctaacaag	ctttcgctgc	tgcttgacag	cctctcaaac	120
gtggagggag	atgaaggcaa	acagcgaagg	gaattccagg	gcagctgcag	gtgggatggc	180
agcacacaga	atcccaagggt	gggaacagca	gtaggcgta	tgggtgtatc	gtgctgtgga	240
aactaggcta	ctggaatcta	tacttcaatc	cacattttct	ttactcatga	aggaaaataca	300
ttgaaaaaac	tattacctct	accagttatt	cacgaaggaa	acacttcgga	agaattgatt	360
acctctacca	cttatctata	gtcttatcag	aaaacttact	atcaggtggt	tgttttggtta	420
cctatTTTTT	tactttaaaa	gttgtgtaac	tccctttaat	gatccaaaaa	ttagagcgggt	480
acttgcatat	gcagtgcag	tttaaagggt	aagtagttag	cttgaatttc	cgaactaggg	540
atgaatgaag	gtgttagctg	gctttgcttt	taagaaacaa	aatgtgcag	tagagattta	600
aatgatgggt	ttggaacaaa	cataaacaca	gggtaaagag	gccaaaagac	caaagctaac	660
agctatTTTta	gttcagcaac	atgcatttca	cggccactat	gatatgtctg	gcactaattc	720
catacatatc	cagcaattcc	tcggacttcc	cactctgggg	cactcccagc	actgccagcg	780
aatgaacctg	aatgtcagga	tccatggaga	cggctgcgca	gacagcttcc	ccgatgccac	840
cttgcgggta	gtgatcctcc	actgtaatga	tccggccctc	tgtggctttt	gcactggaga	900
cgatggtggc	gacatccaga	ggtttaatgg	taaacaggtc	gatgacacgg	ataaaaaatat	960
cttgTTTTcga	aagctcatca	gcagctgcta	aggcctcata	cacagtaatt	ccagctccaa	1020
taactgtgac	cttgtcactg	acacagtggc	ggaggacctt	ggcctgtccg	atctcaaagc	1080
gttctttgtg	ggtgtaaata	accatagttt	ctggtcggtg	ggtccgaatg	aagcacatcc	1140
ccttggcatt	ggctgccaga	gcaacagcat	gctccgtgga	gacggcatca	gttgggtaga	1200
agatcgtgca	cttgggaatg	gttcggaaca	tggctatata	ctccaggggc	atctgggaag	1260
caccatcgtc	accaacagat	acccacagat	gggaaccaat	aatgttgatg	ttgctctcag	1320
cgaggcctcc	tatccggatg	tgatcaaatg	ctcgagtcag	aaaggcagca	aaggtgctag	1380
caaaagcaat	ggtccgtcca	cgggaggcac	agccagagc	cacgctcacc	atgttttggt	1440
cagccataaa	gcactcgatg	aagcgtcag	ggtactcctt	gttgaatata	tcagagaaag	1500
tagagtacct	ggtgtcacca	tccagcaca	cgactctgtt	gttcgcgtag	cccagcttag	1560
ccagagccag	accgcatgct	ttccgagtag	ctatcttgtc	accaactctg	taatcaggtg	1620
gagaggtcat	ccttacatct	gtgatgttga	cttcagggtga	gtcctcaatg	gggggctgtg	1680
ggtcaagatt	cctgctggtc	tgtatctggc	tctcaattaa	tttgataatg	gcactctgctc	1740
tttctctcgg	cattggcctt	gcatgccaac	tttctgcata	ctcaatactt	ggggtgcccc	1800

ggcccttgaa	ggtcttggcc	accacagcag	tgggcttgtg	cttcacctga	gaagcctgcc	1860
agaataacctg	gcacagtgcc	tccacgtccc	ggccgtccac	cacataagtg	ttccacccaa	1920
aggcttcgca	gcgcctctga	tagatgttta	tgcagtgtc	ggcgggcaat	gcaccactgt	1980
gtcccaggcg	gttcacatca	aagattgcca	caagattgtc	cagactgtag	taggaagcaa	2040
aggccattgc	ctcccagaca	gagccttctg	aggactcgcc	atcactcatg	aggcagaaca	2100
cccggtagct	ggccctgtcg	aagtacttgc	cagtatatgc	cattccacat	gcaactccca	2160
gtccttgtcc	gagccatcct	gttgccacat	ccacaaacga	cagtctcttt	gcgaggacaa	2220
atcggtcggt	gtccggattc	tctggatctg	actgcttgta	cctcatgatg	tagaagaaca	2280
gcacagacat	gatctcagaa	gaactgctac	atgatgtagg	gtggctgaaa	gacagacatg	2340
acactggta	tttctcacag	caactggctt	cctagcacac	gacctcgga	catggtctcc	2400
tcatagaagc	ggtcatttct	cccagc				2426

<210> 7318

<211> 1820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1131)...(739)

<223> similar to gil217656 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7318

tttttttttt	tgttatTTTT	atTTTTcaat	ataaatagag	acagggctct	gctatgttgc	60
ccaggctggg	ctcgaacacc	tggccttgag	caatccttcc	acctcagcct	cgggaagggc	120
tgagattaca	ggtgggagcc	actgcgccca	gccagcagtt	tcagttacat	tatagagaga	180
gtttaatggc	atttccacag	ttcaggacca	gggaaagaaa	cacagaggct	gcctggccct	240
atgtgaaact	tttggggggc	gactccaggc	ctgagcctgc	tctgagggga	tcagtcatgt	300
ccccgcctta	gtcccaggac	ctgagggagc	tctggattgg	tggcttggcc	cagagccagg	360
tggatggcag	tgttgagggg	ctgggtgctt	agactgggtt	gcagagtggg	ccctgtgctg	420
aggatgggac	atcttgggtc	caggtcgcat	gaggttcctg	ctgagaaggg	ctaggggatg	480
atcatccatc	ttcatgggtg	tgttccgggt	gaggaaactc	agtcccagaa	gtgagcttgg	540
aaagggcggc	tcagcccaat	gctccggagc	tgaagtgggt	ctgggacgtg	gctcaagacc	600
cgagcttgct	gcaggagccc	attccccctt	tgtcagaggg	ggtggtccgc	caggagacag	660
tcttgcatct	ggtccaggaa	gcagacagtt	cagtctgtc	gggtgtccag	ggccacacag	720
cctgggggtg	tcagaggaac	tgggtccgg	tacttcaagt	aggacaggta	cgtgtcccag	780
cccagcgtca	ggcgttgat	gtaggtgact	cgaattggg	ggggcacgaa	gaggaagttc	840
acgaactgcg	cagcaggcca	cacgcaccag	tctgccttgt	agaattccca	gaacttctcc	900
cgcagctcct	ggcagctctc	acccactgtc	tgacctcca	ggcagccaag	gccaagaag	960
taccagacgc	ccagcaatgg	agaggctacc	agctgatcca	cgaggacctt	cttgaggaca	1020
tttgggaagc	ctcggaggcc	agacgcaggg	aataggcggt	ccagcgacaa	gtaccagtag	1080
tgcaggaagg	gacctatgct	gcagcccacc	gcaaacatgc	tcgcggagcg	ccgtgaaaac	1140
actgagctca	gttacacttg	aattttacag	tacagaagca	ctgggatttt	atgtgccttt	1200
ttgtaccttt	ttcagattgg	aatttagttt	ctgttttaagg	ctttaatggg	actgatttct	1260
gaaacgataa	gtaaaagaca	aaatatTTTg	tgggtgggagc	agtaagttaa	accatgatat	1320
gcttcaacac	gcttttgtta	cattgcattt	gcttttatta	aaatacaaaa	ttaaacaaac	1380
aaaaaaactc	atggagcgat	tttattatct	tgggggatga	gaccatgaga	ttggaaaatg	1440
tacattactt	ctagtTTTtag	actTTtagttt	gttttttttt	ttttcccta	aaaccttaaa	1500
acttactcag	cgggttgcaa	aaaaggggag	ttttcatatc	accaatttgt	accaaatttg	1560

09483725.012100

aattttttca	taaactaaaa	ggtaaaaccc	atttgggcct	taacccatga	ccactttttt	1620
atttcggaat	tttccccctt	cactgaaaaa	aaagaagggg	aacataaggt	tttattggca	1680
tagcctatgg	aaaagggcaa	aaacttcaaa	acatgtgtat	gtattattgg	gactatggat	1740
ccagggtttt	tgcatgttaa	tatctttcgt	tagggataag	gaatttacia	aacagtgaca	1800
tttgattcaa	tggttgagcg					1820

<210> 7319
 <211> 1924
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (61)...(1445)
 <223> similar to gi5912131 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7319						
cccacgcg	cgcaacaaga	acttctgg	agtttggt	ctgtgatt	tgttgcaagt	60
caaaaggcat	tgtctgtgga	aagtaaggca	gtaattaagc	agcagcttga	aagtgtctcc	120
aatggatgga	ctgtataaccg	tattgccaga	caggcttcca	gaatgggtaa	tcatgacatg	180
gccaaagagc	tttatcagag	tttgctgact	caggttgcct	caaaacattt	ctacttctgg	240
ctaaatagtt	tgaaggagtt	ttcacatgca	gaacagtgtc	tcactgggtt	gcaagaggaa	300
aattatagtt	cagcactttc	ttgcattgct	gaatctttaa	aattctatca	caaagggatt	360
gcttccttaa	cagcagctag	tacaccactg	aatcctttaa	gctttcagtg	tgaatttgta	420
aaactcagga	ttgacctttt	acaagccttc	tctcaactta	tctgtacttg	taatagcctg	480
aagacaagcc	caccacctgc	aattgccaca	acaattgcc	tgaccttagg	aaatgacctc	540
cagaggtgtg	gtcgcctctc	caatcagatg	aaacagtgca	tggaagaatt	tcgaagcctt	600
gcttctcgat	atggagatct	ttaccaggca	tcttttgatg	ctgactcagc	aactttgagg	660
aatgttgaac	tacagcagca	gagctgttta	ctgatatctc	atgcaataga	agccctgatt	720
ttggatccag	aatcagcaag	tttccaggaa	tatggatcta	ctggaacagc	ccatgctgat	780
agtgaatatg	aaagaagaat	gatgtctgta	tataatcatg	tcttgaggga	ggtagaatca	840
ctcaatggga	aatatacccc	tgtttcttat	atgcacacag	catgcctctg	caatgccatc	900
attgctttgc	tgaaagttcc	cctttctttc	cagagatatt	ttttccagaa	actacagtct	960
accagcatca	agcttgctct	gtcaccatcg	ccccggaatc	ctgcagagcc	cattgctgtc	1020
cagaataacc	agcagctggc	gctaaaggta	gagggagtg	ttcagcacgg	atctaaacca	1080
ggactcttcc	gcaaaattca	gtctgtctgt	ctgaatgttt	cttccacact	gcagagtaaa	1140
tctggacaag	actacaagat	acccattgac	aacatgacca	atgagatgga	gcaaagggtt	1200
gaacctcata	atgattactt	cagtactcaa	tttctgttga	actttgctat	ccttggaaca	1260
cacaacatta	cagtgggaatc	ttctgtgaaa	gatgccaatg	gtatagtatg	gaagactggg	1320
cccagaacta	ccatatttgt	aaaatccctg	gaagaccctt	attcccagca	aattcgctta	1380
caacagcagc	aagcccagca	gccattacag	cagcagcagc	aacgcaatgc	ctacacacgg	1440
ttttaaccat	ggaatgaatg	cactgcagac	tctcaagaga	tcaatcaaat	tgccagaaac	1500
agtttggttt	ttcatatgga	ataagtatta	aagttacagt	gtagttcatt	tattcattga	1560
tttttgtaat	gtaatatctt	ggaaaaaatt	ttgttttctt	aaaaattttg	tctgacagct	1620
gggcgtgggt	gctcacgcct	gtaatcccag	cactttggga	ggctgagggtg	ggcggtcac	1680
gaggagatca	agaccatcct	ggctaacaca	gtgaaacccc	gtctccacta	aaaaatacaa	1740
aaaaattagc	cgagcatggg	ggcaggcgcc	tgtagtccca	gctacttggg	aggctgaggc	1800
aggagaatgg	tgtgaacctg	ggaggcgagg	cttgcaagtga	gccgagactg	tgctccagcc	1860
tgggcgacag	agcgagactc	cgtctcaaaa	aaataaataa	atacattttg	tctgaaaaat	1920

09433725 "042100

<210> 7320
 <211> 2124
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (106)...(1543)
 <223> similar to gi5701850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7320

tgtcgtgggg	ctggagcaga	gcctgccgcg	aacccccgga	gcccacgatc	cctcgtgcc	60
tccctcgaat	ccaccagcac	gagcgtccca	cccgcgctcg	ggaccatggc	cactgactca	120
tgggccctgg	cgggtggacga	gcaggaagct	gcggtctgagt	cggttgagcaa	cttgcatctt	180
aaggaagaga	aaatcaaacc	agataccaat	ggtgctgttg	tcaagaccaa	tgccaatgca	240
gagaagacag	atgaagaaga	gaaagaggac	agagctgccc	agtccttact	caacaagctg	300
atcagaagca	accttggtga	taacacaaac	caagtggaa	tcctgcagcg	ggatccaaac	360
tcctctctgt	actcggtgaa	gtcttttgaa	gagcttcggc	tgaaaccaca	gcttctccaa	420
ggagtctatg	ccatgggttt	caatcgtcca	tccaagatac	aagagaacgc	attgccactg	480
atgcttgctg	agccccaca	gaacttaatt	gccaatctc	agtctggtac	tggtaaaaca	540
gctgccttcg	tgctggccat	gcttagccaa	gtagaacctg	caaacaaata	ccccagtggt	600
ctatgtctct	ccccaacgta	tgagctcgcc	ctccaaacag	gaaaagtgat	tgaacaaatg	660
ggcaaatttt	accctgaact	gaagctagct	tatgctgttc	gaggcaataa	attggaaaga	720
ggccagaaga	tcagtgagca	gattgtcatt	ggcaccctcg	ggactgtgct	ggactgggtgc	780
tccaagctca	agttcattga	tccaagaaa	atcaaggtgt	ttgttctgga	tgaggctgat	840
gtcatgatag	ccactcaggg	ccaccaagat	cagagcatcc	gcatccagag	gatgctgccc	900
aggaactgcc	agatgctgct	tttctccgcc	acctttgaag	actctgtgtg	gaagtttgcc	960
cagaaagtgg	tcccagaccc	aaacgttatc	aaactgaagc	gtgaggaaga	gaccctggac	1020
accatcaagc	agtactatgt	cctgtgcagc	agcagagacg	agaagttcca	ggccttgtgt	1080
aacctctacg	gggccatcac	cattgctcaa	gccatgatct	tctgccatac	tcgcaaaaca	1140
gctagttggc	tggcagcaga	gctctcaaaa	gaaggccacc	aggtggctct	gctgagtggg	1200
gagatgatgg	tggagcagag	ggctgcagtg	attgagcgct	tccgagaggg	caaagagaag	1260
gttttggtga	ccaccaacgt	gtgtgcccgc	ggcattgatg	ttgaacaagt	gtctgtcgtc	1320
atcaactttg	atcttcccgt	ggacaaggac	gggaatcctg	acaatgagac	ctacctgcac	1380
cggatcgggc	gcacggggcg	ctttggcaag	aggggcctgg	cagtgaacat	ggtggacagc	1440
aagcacagca	tgaacatcct	gaacagaatc	caggagcatt	ttaataagaa	gatagaaaga	1500
ttggacacag	atgatttggg	cgagattgag	aaaatagcca	actgagaagc	tccaccagcc	1560
actgatgcca	gccctggcac	tgcccctgca	caggagacaa	gtgcgttcag	ggcacaggcc	1620
ccgacatcac	cccaaggaca	acggcacaag	tagagagaaa	ctacctacct	cacttcaaat	1680
tatgttttgg	cttgacaaaa	atgtatgcaa	atgatggggg	atggtagaaa	aaaattattt	1740
acacaacctt	ggaagattag	gcatgaatac	acagagattt	accttttggg	agtttcatct	1800
tttaatttgg	ccagtgtttc	cttcatgcta	atctagatgc	tgtggctgat	tacttgccca	1860
ggatctcctg	tggcagcctc	tgcttggtct	ctggcttggg	gtggatgggg	cagcctccag	1920
ctcctgctcc	atttgcttcc	cagctcatac	cctctgctcc	acctccacta	ttgcaggact	1980
ttcctcagat	gctgggctat	gtcatagaga	agttgggtgt	cctgtgactt	ttcctctcca	2040
gtttctcaga	tcttgaggac	ggtattttct	ccccactgc	actctgttat	cgcgttccta	2100
acagtaggaa	attgggcata	atat				2124

09483725-0400

<210> 7321
 <211> 1238
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1173)...(625)
 <223> similar to gi4014 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7321
 tttttttttt ttgagacgga gtctcactct gtcacccagg ctggagtgca agactccgtc 60
 tctagagaaa aaaagaaaac cagacagatt aaaaagttgc acttaciaag cagttggggc 120
 atttattgac atttaaaca gggaggagat cctgaacact agtctcgctc agtttataaa 180
 aacttgaggc caaactctcc atcatctgta cacagcttaa ccacggccag gagcaagaat 240
 tcgagttaaa cgaattgaac cagtccaacc acaagacgat aaagggaaac agggcggtggg 300
 gatttccagt ttttcctttt acattacaaa gtttccaaca caagaagcca acaatacccc 360
 agtgctgcac caagttactt cccactgttt cccaaggcac agtcaattaa taatcagtag 420
 tccaagttct aagaacattt cctggaaaac aaggacgcac ctcccgtggc tctatgcatg 480
 gcctgccact gatgaatcaa attcttaaga acctacgacc gtctgatacc cttgaggaga 540
 gcaccctcat agaactctcca gcatcaggcc tcagttttcc catctgtaaa agacagccat 600
 gcaaagtggg agatccgcta ggcttccaga tcgaagtcac cgcgctcctc attgtactct 660
 agcacgtgcc gcttgatctt ggacgagtc acccaagtga caaagtcctc catgctgcgc 720
 gtgacaagga aggcgggggc ggtaaccacg tcaggggcca cgcgtagctg cccttgctcc 780
 acaaaggcca cggcagcctg aaggtgctgc gccatgcgca gcttgaggag cacgggtggg 840
 aggcggcggc ggcagaagga cgaggccgtg acgaagtgc agagctccag cgaaccgcgc 900
 gtgggcacca agccgagagc atacagcttg tccagcagcg cggccgaagc gcgcacgcgc 960
 aactggctgc gttcgggcag gtcgcgcagg cgccgcgcca gtcacgcac ggcacggctc 1020
 agctggttgt agcgcgtgta gtccctccgc cgctgcagcc ggtaacgccc cagcacgcgc 1080
 agctcgtgca ggttggtggtc ggtgacctcc cagttcagga agtccacctg cttcagcagc 1140
 ttctgctcgt ggaacttaag cttccgcacc atgatggcgg cagccgcagc cgcaggaccc 1200
 gaagctgaga gcgcgttctg gcatccgcgc gatttccg 1238

<210> 7322
 <211> 2529
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(1151)
 <223> similar to gi5326823 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7322
gggattgttg gaaaagatgg cggctgccgc acaatcccgg gttgtccggg tcctgtcaat    60
gtcacgttct gccattactg caatagccac atctgtgtgt cacggcccac cctgtcgcca    120
gcttcatcat gccctcatgc ctcatgggaa aggtggacgt tcctcagtcg gtgggattgt    180
ggccactgtg tttggagcaa caggattcct ggggcgatat gttgtcaacc accttggacg    240
catgggggtca caggtaatca taccctatcg gtgtgataaa tatgacatca tgcaccttcg    300
tcccatgggt gacctgggcc agcttctgtt tctggaatgg gacgcgagag ataaagattc    360
tatccgacga gtagtacaac acagcaatgt ggtcatcaat cttattggac gagactggga    420
aaccaaaaac tttgattttg aggatgtttt tcatgtttca catctgaatg cgaatattaa    480
gtccaaggaa gctggagtgt aaaaattcat tcatgtttca catctgaatg cgaatattaa    540
aagctcttct agatatttga gaaataaggc tgttgagagag aaagtagtga gagatgcatt    600
tccggaagcc attatcgtaa agccgtcgga catctttgga agagaggata gattccttaa    660
ttcttttgca agtatgcac gggttggtcc tataccctt gggtccttgg gctggaagac    720
agttaaacia ccagtatatg tcgtagatgt atccaaagga attgttaatg cagttaagga    780
tcctgatgcc aatgggaaat cctttgcttt cgttggtccc agtcggtacc tccttttcca    840
cctggtgaag tacatctttg ctgtggctca cagattgttc ctcccattcc ccttgccgct    900
ttttgcctat cgatgggtag caagagtctt tgaaataagc ccatttgagc cctggataac    960
aagggataaa gtggagcggg tgcacatcac agacatgaaa ttgcctcacc tgcttggtt    1020
agaagacctt ggtattcagg caacaccact ggaactcaag gccattgagg tgctgcggcg    1080
tcatcgcaact taccgctggc tgtctgctga aattgaggat gtgaagccgg ccaagaccgt    1140
caacatttag tgctcctga gcagctcttg gttttggcgt cttttgggtc ggcccatgtg    1200
gtttgagcac ccagccaggc ggtctcttta gaggatcctg tacacagttc cactattaaa    1260
acatttcagg ttgaattctg cagtattttc ttccttgatt taaaaatga gaaatgtagt    1320
cacttagaac ttgagcatga tttttgttaa acatatttaa taatgatata tatacctatt    1380
tattcctctg aaatgcccag agagtttgaa ttttccctat gacaaaccac ttctatcata    1440
cgttctagaa gacaaggacc ctttttaatg tcaaagtatt gtaaagacc caagtatat    1500
gtgattgttt ttaatttcc attaaatgag agagcataca gtatccccta acctgaatgt    1560
gtttacactg aagggtgttt taaaatttat ttaataatg tccatatgcc ttttaaaaat    1620
agtagtacat atatagaaaa acattgtcca tagattctca aacccttgc agtaattcca    1680
cagtcttctt ggatctgagc tatctgaggc cagcccgatg cccttagtac cacatctgga    1740
ttatttcaga cacatagggt gagatagatt ctcttcccat gcaaaggaga tgcttcagct    1800
tctatgccag cagtgccagc acttaggaat tatgaccttc taatgaagtt cttaaaattg    1860
cagccaagac ccagatgaac aattggttta gtgttggaac atcccaccag tacagtgtga    1920
tttaaaactc ccacaatttg tggatgaagc aacataccac catcctaggt gaccagggt    1980
tggtcattgt gtttcaactg acttcagcct cctgatctat atttgggaca gggatgtcag    2040
taaaaatgct gtttgatgag ggaatgccc tctccttaca gagagaaagg tatatcagtg    2100
ttgaaggtaa gttctccacc tgccctttct gcctgcatca gaatctttt atcccaaac    2160
ggtcaacagt gagctactcc aagtgtgggt catagatcac cagcattggg atcatcttgg    2220
ggcttgtagt aaatgcagaa cccgggctgg gcacagtggc tcacacctgt aatcccaacg    2280
cttttgagtt gctgtgggtg gacggtcgct tgaggccagg agtttgagac cagcctaggc    2340
aatatggcaa gacctgtct ctacagaaaa atttcaaaaa gttagtaggg catggtggca    2400
cgcacctgta gtctcagtta ttcgggaggc taaggatga tgattgcttg agcctgggag    2460
ttcaaggtta cagtgaagta tgatagtgcc actgcacttc agcttggact gaagatcctg    2520
tctcagaaa
2529

```

```

<210> 7323
<211> 1140
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (672)...(291)
 <223> similar to gi1633566 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7323

gttttgggta	ttaggcccc	tggcgaaaag	gggatgtgct	gccaaggcga	tttaattggg	60
gaaccccccg	ggttttcccc	cccccccggt	gttaaacc	ggcccgggga	attgaatttt	120
ggggggccca	taaaaaaaat	attaccttgc	cagcccgggg	acgtaaactt	ggatccttta	180
aaacggcccc	cccttttttt	tttttttaag	tcacaggcgc	atttattatt	gtctggaaca	240
tcaaggcctt	tcctcccttg	gcagtggcac	aagggagggc	caactctcag	gaggcggcca	300
cgctgccacc	agcagcaggc	ccatggggtg	gcagggtcat	gggcggcaga	aacagcgctt	360
tcagcttgcc	tgacaggctg	gcgatctcag	gatcctgggc	ttcgtaggac	ttgaccaagc	420
gagcaaaactt	aaggacacct	tccccgtcgc	agctgaagcc	ataggctttg	ataacctcct	480
gctggatctg	cgtggccacg	ggcagcacga	attgcagcat	cttaccatg	tcgttgacag	540
cgttatcccc	agcctcgtcc	atgcgcactg	cattctccgg	ggcggagAAC	gcctggatca	600
cctccgcgag	gaccaccttt	gcttgctcag	cgctcaaggc	cgccggttgg	gtcgaggcgg	660
acgccatagg	gcgtctgaag	ctctagggtt	agcggaggta	aatggaaaac	tcacgaataa	720
agagccacgt	cctacaaccg	ttcccaacgc	ccctgggagc	ggaaaggaaa	cagcatccgg	780
cgcagccgga	agcgcgccag	cgtggcccaa	accttcatac	cccaagctta	caactgcac	840
aagaccacca	aaactaccca	taatttttgc	acagtgaaaa	caatctatca	ttggcaacaa	900
acatcataag	aggggctttc	cggtaaaaag	ccagaaagcc	tactagacaa	attctaaaag	960
agctgtaaca	ctgctgcgta	tgtgtttgga	gagaagatgg	gatataaagg	aactccacaa	1020
ttgatgaggg	tgagcttagg	tgactttttt	cttgttccta	ttactgtata	aacaacgacg	1080
catgtggtaa	ctttcagtag	gaaaaataat	attctaagga	acttacttaa	gtcattcaaa	1140

<210> 7324
 <211> 2340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (65)...(1172)
 <223> similar to gi3005696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7324

ggatgtcccc	cacagcccaa	cctgaacacc	ttgagttgaa	tcacgctcag	cttggcacga	60
gggggaagac	caaattgata	gactggactt	tattcgaaac	cagatgaacc	ttttaacact	120
ggatgttaag	aaaaaaatca	aggagggttac	cgaggagggtg	gcaaacaaag	tttcatgtgc	180
aatgacagat	gaaatttgtc	gactgtctgt	tttggttgat	gaattttgtt	cagagtttca	240
tcctaatacca	gatgtattaa	aaatatataa	aagtgaatta	aataagcaca	tagaggatgg	300
tatgggaaga	aatttggctg	atcgatgcac	cgatgaagta	aacgccttag	tgcttcagac	360
ccagcaagaa	attattgaaa	atttgaagcc	attacttcca	gctggtatac	aggataaact	420
acatacactg	atcccttgca	agaaatttga	tctcagttat	aatctaaatt	accacaagtt	480

```

atgttcagat tttcaagagg atattgtatt tcgtttttcc ctgggctggt cttcccttgt 540
acatcgattt ttggggcccta gaaatgctca aagggtgctc ctaggattat cagagcctat 600
ctttcagctc cctagatctt tagcttctac tcccactgct cctaccactc cagcaacgcc 660
agataatgca tcacaggaag aactcatgat tacattagta acaggattgg cgtccgttac 720
atctagaact tctatgggca tcattattgt tggaggagtg atttggaata ctataggctg 780
gaaactccta tctgtttcat taactatgta tggagctttg tatctttatg aaagactgag 840
ctggaccacc catgccaaag agcgagcctt taaacagcag tttgtaaaact atgcaactga 900
aaaactgagg atgattgtta gctccacgag tgcaaaactgc agtcaccaag taaaacaaca 960
aatagctacc acttttgctc gcctgtgcca acaagttgat attactcaaa aacagctgga 1020
agaagaaatt gctagattac ccaaagaaat agatcagttg gagaaaatac aaaacaattc 1080
aaagctctta agaaataaag ctgttcaact tgaaaatgag ctggagaatt ttactaagca 1140
gtttctacct tcaagcaatg aagaatccta acaatagaga ttgctttggt gaccatgata 1200
ggaggaaacg aaacttgtaa gattggaaca gttgttattt ttatgaaatt actttaata 1260
tgaattgtac taactgtacc taaatagcaa agccctgtgt agattctggt aatgatctgt 1320
ctcagggtat gtgtattttt gaagagtgtt atgtccttag ttttaatttt gagtaaagaa 1380
aaggctaaaa tcatgaatta gttacaagca acagtaccaa cttatgtgac ccctgagggg 1440
tggggctgtg agctcttaat ttgtttttga ttctgaaaaa ctctgcttcc tggcatccag 1500
gagttagaga ttgagccttt catcttcttt ctcaaaacta gtttttgatg ctttctttca 1560
tgggaatagt cactttttta tttagtaaat cgcattgctg gaaccaccaa ggagtgtgga 1620
atgtccttga gtgtattatt tatgcaagtc acagtcacgt tgccatcatg gcagctatgt 1680
gaaacactaa taaatgtgtt tttacttttt attcccatta aaactgatgt aaaacaggat 1740
aaaggcttgt tatagtcact tataagtatc tgggtctaag taatttcctt agatgtttct 1800
aaagaaacat tttcagcttt gctcccatta tgattccaat aaggaacgct ttccctagtgc 1860
aatttttagga gtaaagtttg aagagataaa aatagccaaa gataggagac gtctgaattt 1920
tgaatgataa acagtgatgt tttaaaaaag ctgttgttct tcaggaggca tttgcctagg 1980
atattgctgg attatacccc attggaggct ttttaatttt tttgtatgaa ttttccagga 2040
tttcattaaa aattattatt gtatttttta ccttaatgaa agattttggg ttcaaatatc 2100
tttctatatt aaaagctgat tgagtctgta catatgtaaa ttatgcctag tggaggttct 2160
gttgactttc ttccccactg tggaagaggc cagttttgcc tccatttgca cattcatttc 2220
agttatttct gatccataaa tataacattt acaaaattct tccttgagct ggtggaaatg 2280
cctcaccagt ttctctttta atgaatcaaa taaaatcttt aactgatgtt aaaaaaaaaa 2340

```

<210> 7325

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (58)...(561)

<223> similar to gi5639830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7325

```

ggaaatcccc gggccagctt ctgtactgcc aggtccgggt cggcggctgc actgcggatg 60
agaccggtgc gactcatgaa ggtgttcgtc acccgaggga taccgcgcga gggtagggtc 120
gcgctcgccc gggcggcaga ctgtgagggt gagcagtggt actcggatga gcccatccct 180
gccaaaggagc tagagcgagg tgtggcgggg gccacggcc tgctctgcct cctctccgac 240
cacgtggaca agaggatcct ggatgctgca ggggccaatc tcaaagtcac cagcaccatg 300
tctgtgggca tcgaccactt ggctttggat gaaatcaaga agcgtgggat ccgagttggc 360

```


<221> misc_feature
 <222> (125)...(527)
 <223> similar to gi4689136 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7327

```

cccacgcgtc cgcccacgcg tccgcccacg cgtccggctt cctgcttcgc ctccgcgcct    60
cgcgctatgg gacagagccc ccgatccgcc agcaccacct gaggatccag aaaccgcccc    120
agcgatggaa gaggatcagg agctggagag aaaaatatct ggattgaaga cctcaatggc    180
tgaaggcgag aggaagacag ccctggaaat ggtccaggca gctggaacag atagacactg    240
tgtgacattt gtattgcacg aggaagacca taccctagga aattctctac gttacatgat    300
catgaagaac ccggaagtgg aattttgtgg ttacactacg acccatcctt cagagagcaa    360
aattaattta cgcattcaga ctcgaggtag ccttccagct gttgagccat ttcagagagg    420
cctgaatgag ctcatgaatg tctgccaaca tgtgcttgac aagtttgagg ccagcataaa    480
ggactataag gatcaaaaag caagcagaaa tgaatccaca ttctagtcct ttatgcagta    540
tacaaggaga actgtcctgt aggatattct cttcttgatg gtgcagaacc cagaattaga    600
agtttgtggt tacagcatac tctgtccttc agaaaggcgt gattctagct gttgaccctt    660
tgcagctggt ggaatctctg caagaacctc tgtattcttc taataaattc cctcttttat    720
ttaaaaaaaaa aa                                         732

```

<210> 7328
 <211> 2155
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (226)...(1346)
 <223> similar to gi4092648 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7328

```

ggctgcgcgg cggcagcggc agaaagcgta gctgctttgc tgtagtccac gcccccttgc    60
cgctccggtg acagtctctg cggaaagtca cgtttgtgat ttccgggagag cacagaacgg    120
gacgacggcg ctcttgctgg gtcatctggg ccaggtgacg aagaaacagt ttcttggtga    180
agcagtcctt caccctagt cagcccacac ccctagggcc taaagatgct gaggtctgta    240
tggaattttt tgaaacgcca caaaaagaaa tgcatcttcc tgggcacggt ccttggagga    300
gtatatattc tgggggaaata tggacagaag aaaatcagag aaatacagga aaggagggct    360
gcagaataca ttgcccgaag acgacgacaa tatcattttg aaagtaacca gaggacttgc    420
aatatgacag tgctgtccat gcttccaaca ctgagagagg ccttaatgca gcaactgaat    480
tccgagagcc tcacagctct gctaaaaaac aggccttcaa acaagctaga aatatgggag    540
gatctgaaga taataagttt cacaagaagt actgtggctg tatacagtac ctgtatgctg    600
gttgttcttt tgcgggtcca gttaaacata attggtggat atatttacct ggataatgca    660
gcagttggca aaaatggcac tacaattctt gctccccacg atgtccaaca gcagtattta    720
tcaagtattc agcacctact tggagatggc ctgacagaat tgatcactgt cattaaacaa    780
gctgtgcaga aggttttagg aagtgtttct cttaaacatt ctttgtccct tttggacttg    840
gagcaaaaac taaaagaaat cagaaatctc gttgagcagc ataagtcttc ttcttgatt    900

```

```

aataaagatg gatccaaacc tttattatgc cattatatga tgccagatga agaaactcca 960
ttagcagtgc aggcctgtgg actttctcct cgagacatta ccactattaa acttctcaat 1020
gaaactagag acatgttgga aagcccagat tttagtacag ttttgaatac ctgtttaaac 1080
cgaggtttta gtagacttct agacaatatg gctgagttct ttcgacctac tgaacaggac 1140
ctgcaacatg gtaactctat gaatagtctt tccagtgtca gcctgccttt agctaagata 1200
attccaatag taaacggaca gatccattca gtttgacagt aaacacctag tcattttggt 1260
caggatctgt tgacaatgga gcaagtgaaa gactttgctg ctaatgtgta tgaagctttt 1320
agtaccctc agcaactgga gaaatgattt ttccttcaag aaaaactaca gtgggattca 1380
tttacttttt aaaatacact gggtaaatca cctatactta gagtaacagt ttgttatcaa 1440
aatgcctgat aaaatatatt cttaataaaa gtcttcattt cataatgaaa tcaatttatt 1500
tggcatctta atataatttt ttagattcat caacagacca gtttttgtgg gcatatatat 1560
atacacgtgc aaatatcaga attgttaata atttgttaca catggacatt tgttccaaac 1620
tgactaaaaa tcaatataga tattttatat acatatatat atatataaat acaaaattca 1680
gtgtacttta ccatattaat actgaggaaa aatctgttgg agacataggc taggatgtg 1740
tgaagtttgg aaaaatatgc tatttaatta taatgttccc ctagactgct gtaaaccaga 1800
agtgaatcca gacttttcct cccagcctac ctttcaaaat aataaattat ttgtcctcaa 1860
atataccctt gatggaggac ttttttattt cttatggaaa tagtgaattc ccaacaacta 1920
tgatgaacta tgttctttgc ctatttcttc actataattt tttaaggttt tttttaaaaa 1980
gccttagaaa gttccatatt ggtttagggg ctaaaattgg gttgatgctg tttccccccc 2040
taattacata gttttaatcc tttggccata attttaaaaa cttcctttgt tttgattttg 2100
aatccagtga aaatcttttt gcaataaact attttagtaa aataaaaaaa aaaaa 2155

```

<210> 7329

<211> 1785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1786)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1687)...(1261)

<223> similar to gill96417 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7329

```

tttttttttt ttctgaaaaa caaaaaaac atttatttct gtaaactgtc tgagtgcaga 60
gatgttcttt acaatcccaa tacagtacag atttcttccc caaaacgaaa tgagcaagga 120
aaaacagaaa aagagctata tcaaatgtgc tcatgaagaa ccaagccaat ctacaccttc 180
tttaaaaaca aaacaaaacg atccttttga ttgtgtggtg cagacgcagg actgaagcca 240
caggcttttg ggggtgctgt agcccagggc tttgctcagc tcacagctag cgcggcgggc 300
agagcaaccc ttcggcccaa gccatcctcg cagcttgac agaagcttcc tgaacctaa 360
ggatccgttc ccagctctcc ttaaattccc agtccccacc ctgggcctct ctccctaacg 420
atcttgctgc tttgggagcc cctgaagtga accctgaaat actccctccg tcaactctgg 480
gctcagacct ttgcccttct ctgtgtcaca aggaaatttc ggtcaagagg gtgggaacag 540
gtgggtttcag accgtgcagc aaagccactg ccaggtaagt tttaaggcaa attttatctc 600
ttcttattca gtctgagccg gacctaacct tctcaccacc gagcaatcct gcctatgctg 660

```

```

gacatgcatc ttgggcaact ccggatggag gtgggatgag ggagcccggg gcagatacca 720
ggagggtctgg gccttagtag ggaatggacg tgtgtgctta tgaaggctgc aggcaccggg 780
cacagctcct ggcccagctg cccctcagtg gtacacagga agcaggggccc aggaaaaactg 840
agatggcaaaa ataggcccgg gctctggaaa gcaacgtgag gtcatgcaga tctcactagg 900
cagacctcgt cgcgagggaag agaaatgcca ggaaaagggg tactgcagg aggcacctcg 960
gatctgatgg caggcaggac cttgcatcaa aatgactttt ctttagaaca aaaaagaggg 1020
ggagaaaaga aaaagaagat caaagaaaaga ggttccatga gcgtcatgag ataggacacg 1080
gcagggttct aagggaagcg ggaagggtgg ggctgtggac acagggtggc gggcgctgcc 1140
tctcatggct tctcttctcc ctgggtgggct ggtgggctag tagctgaggc cggcggtcct 1200
ctccccggg gagcaggcag atgacttttg caaggggtgg tgtggcgggg gctgggggta 1260
ctccgtctgg gcgtcgtaat tggctcccc cgcttcttc agctcgctct tgatgaaatc 1320
ttcctccagc tccttccgat cactgatcac aaactcctta gcgaaattct gtacgacctc 1380
cttcaccagg gtcttgtccg tcccgggttt ggcgcgctgc agcccgtga cgttctcacc 1440
gatccacgtg atgagggcaa acttgacact cttgctcatg gcatccccgg tggatgaagc 1500
cacgaaggca aacaaccgga cgctcatctgt gcactgctgg atgaagtgt ggtactccgc 1560
tccctgctcg ccggggacga tgggtggagcc gtcataattt aaagtcaacc agatgacggc 1620
cgagccgtcg tcgcgcacca ggttgtagcg cgcccgcaa gcctctttgt cgatcttggt 1680
ggccatcgcc gcggagccgc agcgggacac tgtccggggc gaccgagcgc gccccgnac 1740
gcgtgggttct nnnngnnntt tcgagggcnt caggatgctt cagat 1785

```

<210> 7330

<211> 2687

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (225)...(1196)

<223> similar to gi509243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7330

```

accgcgcagc acgatttcgt gctccctgag cgccccgcac cgacatggcg gccgtcttcg 60
ctgtgggtgac tttaaactctc ggttttcggt tatagccggc cggcgctcac ttgtcttcag 120
gaagctcggg gccttttggt gagccgggga gaggaagggt ggggtgcaaga gtgaaaggcg 180
agaggggact gcaagcatcc gggtcggctc ctggccggag caagatggct gagggcgagc 240
ggcagccgcc gccagattct tcagaggagg cccctccagc cactcagaac ttcattcttc 300
caaaaaagga gatccacaca gttccagaca tgggcaaatt gaagcggtct caggcatacg 360
ctgactacat cggatttcac cttaccctca acgaagggtg gaaggggaag aagctgacct 420
tcgagtacag agtctccgag gccattgaga aactagtcgc tcttctcaac acgctggaca 480
ggtggattga tgagactcct ccagtggacc agccctctcg gtttgggaat aaggcataca 540
ggacctggta tgccaaactt gatgaggaag cagaaaactt ggtggccaca gtggtcccta 600
cccatctggc agctgctgtg cctgaggtgg ctgtttacct aaaggagtca gtggggaact 660
ccacgcgcac tgactacggc acagggcacg aggcagcctt cgctgctttc ctctgctgtc 720
tctgcaagat tgggggtgctc cgggtggatg accaaatagc tattgtcttc aagggtttca 780
atcggtagct tgaggttatg cggaaactcc agaaaacata caggatggag ccagccggca 840
gccagggagt gtgggggtctg gatgacttcc agtttctgcc cttcatctgg ggcagttcgc 900
agctgataga ccaccatac ctggagccca gacactttgt ggatgagaag gccgtgaatg 960
agaaccacaa ggactacatg ttcttgaggt gtatcctgtt tattaccgag atgaagactg 1020
gcccatattg agagcactcc aaccagctgt ggaacatcag cgccgtccct tcctggtcca 1080

```

```

aagtgaacca ggggtctcatc cgcattgtata aggccgagtg cctggagaag ttccctgtga 1140
tccagcactt caagttcggg agcctgctgc ccatccatcc tgtcacgtcg ggctaggagg 1200
ggccaagccg aagagccacc caggccacag ttctgtgccc tgccctcccc accccagcag 1260
tggccctccc ccatccctcc cctctgttcg tcccgtttga tgagaggctg tttactgggg 1320
tggggtggcg agatgggctt gagggggctc agagcataag gcttcagggc ccaagtggg 1380
agaagtgacc aaagtgtagc cagttttctg agttcccgtg tgctagactg gccagaagag 1440
agggctctggg gcctgggtcac tccggccactc tctcctgttt ctggcctctt ctcccttcac 1500
tcccgtccag tctggttttg agagcagggg ctgttctgca gcacctcagg gaagggagga 1560
gagatacctg ctgcttccat tgcctttccc ttcttgaggt cgatgccttt ctaaggggtg 1620
gagctgctcc ttgcaggggc gggtcagttt cccaggccat gccgggggtg ccatctatgc 1680
tagggctgga agctgaggct ggccgccagc tgtgggctgg ggtgggggtg gtggggctcg 1740
gtgggtggaga ggccttagct gtccctggctg gtgcccctcc caggctcctt ttcaccctgc 1800
cccctggggc tgaggccccc tgtgtccaag cctccccctg gctcttcagt tctctagccc 1860
ttggctttgc tgggttttct gactgtagcc acatctctcc cgctccctaa gggtaacct 1920
gccaatggaa gctgcccttt gggtaggtgc tgggctcctg ggaggggcca gatgatggg 1980
tgaggcatgt ctttccagaa ctttccctgg caggggaggg atggcagaaa ctcagggagg 2040
ggcttggggc ccattgtatc tggagagcct ggattcctct tggcagtctt agggccagcc 2100
acttctgcta cctttgcgct gctgtgagcc tcacctggg cccctgggcc ctgcttctct 2160
gtccccctgg gtgatgggtg ggcccagaag gtggcagtc caccacctgt cctcccacct 2220
cctgaactg tccattgctt ttataggggt aggtaagtga cagcctcca agcccaggct 2280
ttggcactca gaatggggcc agtgggggct gggcaggccc attgagggcc accgccgagg 2340
tttctcctag ggctgttctt gggcctggct cttacaggct cgtccccag gcctgccctt 2400
ctccactgcc ccctcctgtg tctgggtcca caccacctc aggaaggggg agcactgaga 2460
agcacagcac aggggctcag cctgggatcc ggtgatggtc tgggcagagg ctgggtcagg 2520
agtcccaaag gtcagtgaca gtttctcaga agaggcccag cgtccacctc tctcccaggg 2580
ccagacaccc cttcctggct ccccatccc cctatgggct cccagcccct tgcacctca 2640
ttgctgttca gattaaagcc tctgttttgc acctgtcaaa aaaaaaa 2687

```

```

<210> 7331
<211> 2155
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (435)...(1981)
<223> similar to gil230668 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7331
cgcaacttccg tagaggtgga catggcgtgc ggctttcgcc gcgctattgc ttgccaggta 60
tggatccccg agcgcgcaga ggagtccttg aggagctagg gaccccaaag gcctttcacc 120
gtcgcgggcc agtcctcagt cagctggagg gtgggtccca cggaatcctg ttagtttcta 180
ccacctctc ccccttctct ggagctgggtg gagcttcaga agtcctgtgg agcgtcggct 240
gggatcagtt tgtctcggtg aaaagtaaac ttgaaagct ttccagagtg ttgaatcttc 300
caccagaaaa cttgatcaca tcaatatctg cagttccaat ttcccaaaaa gaagaagtag 360
ctgattttca gctttctgtg gattctttat tggaaaaaga caatgaccat tcaagaccag 420
atattcaagt tcaagccaag agactagcag agaagctaag atgtgatata gtgggtgagt 480
aatcagtagc tgggtcaaag actgtaaatt tcaaaataaa cagagagctc ttaacaaaga 540
cagtgtctaca acaagtaatt gaagatggct caaaatatgg attaaaaagt gaacttttct 600

```

ctggacttcc	ccagaagaag	attgtggttg	aattcagttc	acctaattgtt	gccaaaaaat	660
ttcattgttg	acattttgcgt	tctaccatca	taggaaattt	tatagcaa	ctcaaagaag	720
ctttaggaca	tcaagtaata	agaataaatt	accttggcga	ttggggcatg	cagtttggtc	780
ttctgggaac	tggcttccag	ctgtttggct	atgaggaaaa	actgcagtcc	aatcctctac	840
agcatctctt	tgaagtttat	gtacaagtta	ataaagaagc	agcagatgat	aaaagtgtag	900
caaaagcagc	acaggagttc	ttccaacgat	tggaaactgg	cgatgtgcaa	gcactttcac	960
tgtggcaaaa	atttcgggac	ttgagcattg	aagagtacat	tcgggtttac	aagcgtctgg	1020
gagtatatatt	tgatgaatat	tcaggagaat	cattttatcg	tgaaaaatct	caagaggtct	1080
taaagttgct	ggagagtaaa	ggactcctac	tgaaaacaat	aaaagggaacg	gctgtagtag	1140
atctctctgg	gaatggcgac	ccctcctcaa	tttgtactgt	aatgcgaagt	gatgggactt	1200
ctctctatgc	aaccagagat	cttgacagctg	ctatagatcg	aatggacaag	tataattttg	1260
atacaatgat	atatgtgaca	gataaaggac	aaaaaaagca	ttttcagcaa	gtattccaaa	1320
tgtctgaagat	catgggatat	gactgggcag	aaaggtgcca	gcacgtgccc	tttggagtag	1380
tacagggaat	gaagactcga	agaggagatg	tcactttcct	ggaagatgtt	ttaaatgaga	1440
ttcaattaag	gatgctacag	aacatggctt	caattaagac	aactaaagaa	ctcaagaacc	1500
cacaagagac	tgcagagagg	gtcgggctcg	cagcactcat	tattcaggac	ttcaaagggt	1560
tactcttatc	tgactacaag	ttcagctggg	atcgtgtttt	ccagagtcgc	ggggacacag	1620
gagtcttcct	acagtacaca	cacgcccgcc	tccacagttt	ggaagagact	tttggatgtg	1680
ggtacctgaa	tgacttcaac	actgcttggt	tacaagagcc	acagtctgtt	tcaattcttc	1740
agcatcttct	caggttcgac	gaggtgcttt	ataaatcatc	tcaggacttt	caaccaggc	1800
atatcgtcag	ttacccttcta	actttaagtc	atcttgcagc	tgtggcacac	aaaacactac	1860
aaataaaaaga	tagtctcct	gaagtggctg	gggccagact	tcactctttt	aaagctgtcc	1920
gttctgtcct	agccaatgga	atgaaacttc	ttggaataac	acctgtatgt	aggatgtaat	1980
ttccattaaa	atggctttta	aaatgtcaaa	aaaaaaaaaa	agggggggcc	cttttaaaag	2040
aatcaaat	tactgccggg	ggcggggaga	gtaatat	ttttatgggg	ccaccaaatt	2100
aaaattgggg	ggcgggttta	aaaacggcgg	ggagggaaaa	accctggtt	ttccc	2155

<210> 7332

<211> 2119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1642)...(1065)

<223> similar to gi3098268 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7332

tttcaaaggg	tttaaattgg	ggaacccccg	ggtttttccc	cccccccgct	ttttaaaagc	60
cggccccgga	atttaatttt	ggggccccct	aaaaaaatt	ttaactctcc	cacccccggg	120
aattaaaatt	ggttctttta	aaaggggccc	cccttttttt	ttttttgaga	gaaataaaac	180
aatttaata	tggcttcctt	gatttacaca	caactctaag	acaagaggac	aaaattttct	240
ctccatgcac	tggatcaacg	aagttcaggg	acaagaggca	acccaagtac	aggggctgtg	300
gtgttcagat	ccacgctcag	cctcgagtct	catgttccaa	ccgaccgtct	ggctcagtga	360
ctgtggacac	tggggagagg	agggactgcc	cagacccctc	aagtgcaggt	gaggggaccg	420
gcagcagagt	atgcatgggc	actccatgcc	ccagtgcgag	aagtgcacag	gggacagcga	480
acaccagctt	ccagtgcacc	ctgaagaccc	agtgggctca	ggggggccag	ctctcccatc	540
agagctgtcc	tcagggtctg	agctgggggc	tggggctgag	gcgctggggc	tgggagggag	600
gtggtgataa	agaaccactg	cagaaaggaa	cacatgctga	atgctggggc	atgctttcct	660

```

cccagacact gagttcctga agaccagct ttatcttcca agggtaacaa cattcccaag 720
actcagagct ggaaggcggc aagagtggag ccaggagaga cagatcgcat ccactcctga 780
ggccgcctcg aatgtctcca ttcccttctg gcctgccttc cccctccctt caaccccaaa 840
gacccaagaa gacaacagag atcagagacc acatccctct tccctaataa aaatagccaa 900
gtacaacatt tctaaagtta gggagaagga ggaaaaatgc cacaggcttt taaagggaag 960
actggaaccg agggaaggga gaagtagccc cctgctttgt ccagcctgga agctggcagc 1020
catggtgttg gggccttgac ccaaccacac cagcccatct agctgagcat cttgtgccga 1080
tcgaagactg tcttccgctg ctctgcacc tgcagcttcc accgctgctg ggcaccttcc 1140
acacgctcca ggactgtgtt tgctcggggg ccccgaggag atgcagcagc tgctgccata 1200
gagcgagcat cctcattctc ctctcattg tgcagttgct cagtgtatgc atccggcttt 1260
cggatcagag ggtccaccag catcaggaag gccatgtaga gcaacagggc acccaccacg 1320
gacaggtaga tgacaatgat gaccttgatg gtggtggtgc tgcgctcctc gtacctgcac 1380
tcgcacgaca ggagtaggc ctccacgtca tggccaggca ctggcatggg ctccaccacg 1440
tgcaggcagt tgcagtcctt ctgggataca ttctggttgt aaatgtgcc actgatgttt 1500
ctataagggtg gacagatgca tttgcaccgg atatcttcag aactctccct caccttggtg 1560
gcttcagctg ggggacaccg caaacacccg accacagcca ccaaagataa gagcttcatg 1620
cttatcaggc ttgctggggc agcaaagccg gacacctgga aaaagagata cggagtcgga 1680
gaagggaag gtggccacac cgcagccagc acgctaggcc cttaaccatc cggccaagtg 1740
ggaatggggg tgggggctgg gctccaggat tccaaggcct gctaaacctg gtcgccaac 1800
cctgcttccc tcccgcccaa ctctccggct ctccgcagc cacctggtga gcccggcaga 1860
ggggctctcg aggggacacc gctgccaggg gcctccagtt ccttctcaag gcccggtct 1920
gacccgcgca tcacgtccca ccgcccctcg ccatctccgc ctctgcccgc cccgcagctc 1980
ctccccgctc gggcccgcag ggaacttttg ggtgcgagtc tgggacccct gctccgacgg 2040
cgaaggccgg tgcccaccac gccagagggt cttaagccgg actgggaccc ccaatagccc 2100
cgcgaccccc gtcccctcc 2119

```

```

<210> 7333
<211> 1295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(1016)
<223> similar to gil62941 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7333
ggagcgcgtgg ggaatgaata tattcgcgcg ctctttgttg ctgcctttat tcttccctcc 60
ccagcatccc cgtccgccc ggtcaccag acggccttct ccagccttgc cgagcttaag 120
accgctccct gctcctgacc atcaccgtca ctggggtcac tgtgctcgtg ttggtcctga 180
agagcatgaa ctccaggagg agagagccaa tcaccttaca ggacctgaa gccaaagtacc 240
cgctgccctt gattgagaaa gagaaaatca gccacaacac ccggagggtc cgctttggac 300
tgcttcgcc ggaccatgtc ttagggcttc ctgtaggtaa ctatgtccag ctcttgcaa 360
aaatcgataa tgaattggtg gtcagggctt acaccctgt ctccagtgt gatgacagag 420
gctttgtgga cctaattata aagatctact tcaaaaatgt acaccccaaa tctcctgaag 480
gtgggaagat gactcagtat ttggagaaca tgaaaatcgg ggagaccatc ttttttcgag 540
ggccaagggg acgcttggtt taccatgggc cagggaatct tggaatcaga ccagaccaga 600
cgagtgcgac taaaaaaaca ctggccgatc acctgggaat gattgctggg ggcacaggca 660
tcacacccat gttgcagctc attcgccaca tcaccaagga cccagtgac aggaccagga 720

```

tgtccctcat	ctttgccaac	cagacagagg	aggatatctt	ggtcagaaaa	gagcttgaag	780
aaattgccag	gactcaccca	gaccagttcg	acctgtggta	caccctggac	aggcctccca	840
ttggctggaa	gtacagctca	ggcttcgtta	ctgccgacat	gatcaaggag	caccttcctc	900
ctccagcgaa	gtccacgctc	atcctgggtg	gtggcccgcc	accactgatc	cagacggcgg	960
ctcaccctaa	cctgggagaag	ctgggttata	cccaggacat	gattttcacc	tactaacacc	1020
tccacgtgct	cagcaatttt	gcatgtccct	tttcatctgt	ttcagagtaa	gttcaatttc	1080
accacggtaa	actgggatgt	tttcaaaaagt	gccttgccat	gtaccttcgc	gcacacactg	1140
gttctcctct	tttggctgtg	ggcctaacaa	aaagggctca	aggggctgga	gactggctgc	1200
tggggcctcc	ttgcttgag	gctggaaaaga	gctccatttc	agtatctttc	tccgtgggtt	1260
tgtgaaataa	actcaagtac	aaagcaaaaa	aaaaa			1295

<210> 7334

<211> 4422

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (503)...(1541)

<223> similar to gi5730196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7334

gatattagaa	aaaggattcc	caagccagtg	ccaccagaa	aggaaatgga	aagttgatga	60
cgtgttagag	agcagccagg	aaaatgaaga	tgaccatttt	tgggagcttc	tattccacaa	120
caacaaaaca	gtaagtgtag	aaaatggaga	tagaggaagc	aaaactttca	atttgggcac	180
agaccctgtt	tctttaagaa	attatcccta	taaaatatgt	gactcatgtg	aaatgaattt	240
gaaaaatatt	tgggcttaa	ttattagtaa	aaagaactgt	tccagaaaga	agcctgatga	300
gtttaatgta	tgtgagaaat	tgctccttga	tattaggcat	gagaaaaatcc	ctattggaga	360
gaagtcttat	aaatatgac	aaaaaaggaa	tgccattaat	tatcaccagg	atctcagtca	420
gccaaagttt	ggccaatctt	ttgagtatag	taaaaatgga	caaggcttcc	atgatgaggc	480
agcatttttt	acaaataaga	gatctcagat	aggagagaca	gtctgtaaat	ataacgaatg	540
tggaagaacc	ttcattgaaa	gtttaaagct	gaatatatct	caaagacctc	atttggaat	600
ggagccgtat	ggatgcagta	tttgcgggaa	gtccttctgc	atgaatttaa	ggtttgga	660
tcagagagct	cttacaagg	acaatcctta	tgaatataat	gaatatgggg	aaatcttctg	720
tgacaattca	gctttcatta	tccatcagg	agcttacaca	agaaagattc	tccgtgaata	780
taaagtgagt	gacaaaacct	gggaaaagtc	agctctctta	aaacatcaaa	tagtacacat	840
ggggggaaag	tcttatgatt	acaatgaaaa	tgggagtaat	ttcagcaaga	agtcacatct	900
taccagctt	cggagagctc	acacaggaga	aaaaaccttt	gaatgtggtg	aatgtgggaa	960
aaccttcttg	gagaagtcaa	acctcactca	acatcagaga	acacacacag	gagagaagcc	1020
ctatgaatgt	actgaatgtg	ggaaagcctt	ttgccagaaa	ccacacctga	ccaacctca	1080
gcgaacacat	acaggagaaa	aacctatga	atgtaagcaa	tgtggaaaaa	cattctgtgt	1140
gaagtcaaac	ctcactgaac	atcagagaac	acacacaggg	gagaagccct	atgaatgtaa	1200
tgcatgtggg	aaatccttct	gccacagatc	agccctcact	gtgcatcaga	gaacacacac	1260
aggggagaaa	ccgtttatat	gtaatgaatg	tggaaaatcc	ttctgtgtga	agtcaaacct	1320
cattgtacat	caaagaactc	acactgggga	gaaaccatat	aagtgtaatg	aatgtgggaa	1380
aaccttctgt	gaaaaatcag	ctctcactaa	acatcagagg	actcacacag	gggagaagcc	1440
gtatgagtgt	aatgcatgtg	ggaagacctt	tagtcagagg	tcagtgtctca	ccaaacatca	1500
gagaattcac	acaaggggtga	aagctctttc	aacatcctga	atgttagaag	ccttcataca	1560
cttgtgaaat	tggttataca	gtttcaaaaa	aggagatcag	agaaagccaa	agaatgtcag	1620

0048673E-04E400

aaattttag	aaaatgactt	cttgtttgaa	tatgtaaaag	ctttcaagaa	aaattaaaaac	1680
ttttcattag	aaaattttag	ctgaggggaa	ttctattcat	ctaagtaata	tgggtgaaaat	1740
atztatctgg	aatttatgtt	gttttagtgtt	atattccaga	cgtgatacca	aaatttttgtt	1800
gcaaataata	tggacaatat	ttattttat	ccatattcac	agtggaaatct	gaagcttata	1860
aaagttgaat	gacagcagca	ttaaaacatat	atgtgaagag	tccccgatgt	ttgtagacct	1920
tatgtgagta	tgcaaatata	taaatttgag	tatgcttgat	ttgtatatattg	gaactcaaca	1980
tgatcataag	gagaagatac	gtacccttaa	ttgagtaact	actatgggtat	ttgttaatat	2040
tttctacact	aaataccatt	ggtgtcttta	taggttgaca	taattatata	tgtgtatgta	2100
catatgtttg	tgtgtatatg	taaatatatt	tctacacaca	tacttaaata	tagtgaatgtg	2160
ctagtataac	ctcactactga	cttaaaaagt	ctgattgtta	aatttttaagg	aatttttgtga	2220
gccagttatt	aaaagcagtc	attattttaa	atatgtaaac	ttacagttaa	aaacaaaggt	2280
aataaatact	cagcactcat	cacttcctaa	ttattttgct	acatttcact	attacctttg	2340
ctgttttact	tatttaaatct	gtatgatgaa	aatactgtat	aatagtgtgc	actgcacatc	2400
tgtctcttcc	cagctccaca	ttcagtgtcg	tcttggtagc	ttggacttag	tgggagtgtt	2460
tacaccatgg	aaattgacaa	actataaaatc	agggttttta	ttttctcaga	gaacctgctg	2520
tcaaatat	acagcacatc	actgtgtata	tatgaaaacg	tattttggcaa	tacaaaccac	2580
ataccctt	tatttcctga	cataaataaa	tggctatggc	catttacagc	tgaaccacgt	2640
cttcaagaaa	gaagccaaaa	atattttccgt	gagggtttta	actacctctg	aatctgtcct	2700
actctaaata	ctaccggagt	ctctttgtag	gttggccagt	atatgttttt	agtgaatat	2760
tatttcacaa	agaactatat	cacgtacctt	tcctctgact	gtttcctggc	atatatgcat	2820
gaatatggcc	attattgaac	tatcacttca	gtaaagaagt	taaacagtac	ttttctgagg	2880
tttttcagct	acctctgggt	cattctgtaa	tgtaaatgtt	gttaatagga	atgggttttt	2940
acataaatta	tggcaagggt	taacaggcag	gtaacactgc	cactcctcaa	aaagtggcgg	3000
tatgtaatga	aaggcccttt	tgatatcctt	gatttttcat	tgtgtatctg	tttgggcacg	3060
gtctatgtaa	cactagtctt	gcgtattagt	attttagagt	atctctgcct	cccttgtcct	3120
gttgtttctt	ttgccccctt	ggaacacatt	ggtcagcagt	tctaagagac	actgccacac	3180
tgatgaccat	tccctacttc	atccttgctg	agctaaattt	tatatttttg	tgcatacctt	3240
tcccagatga	cttaggttgt	aagtccagat	tagtcaaagc	taatcatgga	agttccattt	3300
taatgattct	gttgggggtga	acttggggagc	aatgagatgt	ttgggaagta	ttgtgtagta	3360
cttctgggaa	agatctcctt	gatacaacat	tgtcatgaca	tgagaagaga	ctctgctggg	3420
ctttttcatg	tctgtaacat	gggtattggct	tatcggtttt	atctctgaag	ggcagtagcc	3480
tgaagataac	agtgcacaag	gtgggaaaaag	ccagctcaga	ggtgacgttg	ccgagctact	3540
ctgctctcta	tacctgttct	ctactgggac	tttttataac	cctcaataac	tgttttttat	3600
ttggtcttag	ggctgtctga	tacttagagc	tgaaggcatt	ccagctgaca	cagaggaata	3660
tttttctaag	tgttaatgtt	ctatatggta	attaggggga	agaattattt	cttttcacaa	3720
gttaatatag	ggatggctgt	ttgtatcagc	catggttctt	tctggtggaa	aacagaattc	3780
tccaaactaaa	aataatttta	tggcagactg	attacagtgg	tgtgggccag	aaacaaggga	3840
cagtgaacaa	cccagagact	tgtatcagca	ggaagccatt	gccattctga	gccttgaagg	3900
gcaaggaggg	aaacagtgtt	accagagccc	agtaagaact	gctgtcatga	aggagggggc	3960
accttgtaag	agacatcatt	actaccagaa	ctgtggtgcc	aaattgctgg	tgtctctctt	4020
tggagaaacc	aaccagatac	atctgctgga	gagcccaggt	gggcacagag	aagggtggag	4080
agagaatctg	ggaagagaaa	tggagaataa	gcagcacagt	gttattcatt	tctgtaaat	4140
cctatgtaga	aggctcagt	ttagaaataa	agttattcta	ctagttgcaa	gttaagtgtt	4200
tctgtttgtt	ctgctttcct	gttagcataa	gtaaactccc	tttggaaact	cacaggtatg	4260
tctctccttc	aacatgtgtg	aagcagacat	tatattaaat	tacattattc	atacctccct	4320
gtgggtgttt	ttattgtatg	tgggtgaagg	taagcagctc	tgtattcttc	caaataaata	4380
gccagttgtc	cctgcactgt	ttgattaaaa	aaaaaaaaaa	gg		4422

<210> 7335
 <211> 2776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(1263)
 <223> similar to gil665795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7335

cccacgcgtc	cgctccaaga	tggctgcctc	catagtgcgg	cgcgggatgc	tcctggcgcg	60
gcaagtgggt	cttcctcagc	tctctcctgc	aggtaaaaga	tacctgcttt	cttcagccta	120
tgtagacagc	cacaaatggg	aagcaagaga	aaaagaacat	tactgtcttg	ctgatcttgc	180
atctttaatg	gataaaacat	ttgagagaaa	gttgctgtgt	agttctttaa	caatatcacg	240
gcttatagac	aacattttcct	ctcgggaaga	gatagatcat	gcagagtatt	acctttacaa	300
gtttcgacac	agccccaact	gctggtagct	gagaaaactgg	actatccaca	cctggattag	360
gcagtgtcta	aaatatgatg	cacaagacaa	agccctatat	acccttgtaa	ataagggttca	420
atatggaatt	tttccagata	actttacatt	caattttactg	atggattctt	tcataaagaa	480
agaaaattac	aaagatgctt	tatctgtggt	ttttgaggtc	atgatgcaag	aagcctttga	540
agtgccttcc	acccaacttc	tctccctcta	tgttttatit	cattgcctgg	caaagaagac	600
agacttcagt	tgggaagagg	agaggaactt	tgggtgcatcc	cttttgcttc	caggcctaaa	660
acaaaagaac	tcagtgggtt	tcagttccca	gttgtagggc	tatgcacttc	ttgggaaggt	720
ggagttgcag	caagggctac	gggctgtgta	ccacaacatg	cctctgatat	ggaaaccagg	780
ctaccttgac	agagcccttc	aagtgatgga	gaaagtggct	gcctccccag	aagacataaa	840
gctgtgtaga	gaagcgctcg	atgtgctgga	tgcagtgtcg	aaggctctga	cttcagctga	900
tggggcttca	gaggagcagt	cccaaaatga	tgaagacaac	caggggtcag	aaaaactggg	960
ggagcagtta	gacatcgagg	aaacagagca	gtccaaactt	cctcaatacc	tggaaacgatt	1020
taaggcctta	cattctaagc	ttcaagctct	gggcaaaatt	gagtcagaag	gtcttttaag	1080
tctgaccacc	cagcttgtca	aggaaaaact	ctccacctgt	gaagcagagg	acatcgccac	1140
ctatgagcag	aatctgcagc	agtggcatct	agaccttgta	cagttgatcc	agagagaaca	1200
gcaacagagg	gagcaagcga	agcaggagta	ccaggctcag	aaagcagcaa	aggcatctgc	1260
ctaaataggg	tccccagggg	ccccacctgt	tttcacaaga	acttcactca	acccgtgcc	1320
agggacttca	gcagtggcct	ggacaacagc	ctcagcttcc	tctacccatc	ttcttttctt	1380
aaagcaggct	atgtgcccta	catggcaagg	caccatgact	gccccatcag	atgccaagaa	1440
gggctatgga	actatgcagg	tggctagtgg	tcagacaaaa	gaaaaccagc	tgaatacctt	1500
aaggaggact	cttgaggctc	ataatggagt	tcctggggca	cagggattag	ttatgagcat	1560
taaagtctct	aagaccagct	gacagtactg	ggagaaacca	aggcttgaag	agtcagggtt	1620
aagcacaggc	ttttgttttt	tgttgttttt	gttttttgag	acagagtctc	attctgtcac	1680
ccaggctgga	gtgcagtggc	gcaatcttgg	ctcactgcaa	cctccgactc	ccaggttcaa	1740
gcaattctcc	tgcctcggcc	tccttttagta	ggtgggatta	caggtgcata	ccaccacacc	1800
tttctaattt	ttgcattttt	agtagagatg	gggtttcacc	atgttggtca	ggctggtctc	1860
aacctcctga	cctcaagtga	tctgcccgcc	tcagcctccc	aaagtgtctg	gatgataggc	1920
gtgagccacc	acacccggcc	aagcacaggc	ttttgaatgg	tctccctctc	cccagcccag	1980
gtacatgagg	ccaaggtgaa	ctgtgcatcc	tgagaccttg	tgtccctgag	tctcctttct	2040
gagtgcgaagc	tgcactgtga	gctggctgtg	ggatactcac	acattcccac	attctccttt	2100
ctgccacatc	tgcctcttct	ggacctgcac	tgggagaaat	tcaggacagg	agtgaactca	2160
aggccatgaa	ctcactggat	ttccattttt	aggcacccat	agggatgttt	ttaggatgta	2220
agtttctgag	gagaaagcta	gctctagcat	gaagcttttt	tggattggct	tctccatcgt	2280
gttggggtaa	catttttttt	ccaatttttt	ttttccaaa	acatcgtctc	agctcattta	2340
tcaagtaggt	aaaatgagcc	ttttgtgtac	acacagaggc	acatgtgcac	gcacacacaa	2400
cttgtgaaca	cacatttctg	ttaaagaagt	tagaaaatga	gagatgggtt	ggggcttgaa	2460
gtgcatcaaa	ggtatgaatg	ttgtaaaact	gtcaggagat	gtaaaattcc	tttctgaagt	2520
gtctcttctg	tgaagggtt	cagagcagat	tttgcttact	atgtagtgtt	gcccttaagt	2580
acagtgggtg	aattttattc	aagattgtgc	tcttctatca	aaagcctctg	gaaataaatg	2640
ttccgggatc	atgttagtgt	actctttatc	tttggggaaa	gggaggaggg	agagggactc	2700
attattgtta	ctatgatttt	gaggagtgtg	ctttaaaccc	tccccatta	aactatggga	2760
tttattgtaa	taatga					2776

<210> 7336
 <211> 1228
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (217)...(1118)
 <223> similar to gi4775334 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7336
 ttttaggaagg tggcttttgaa actcgcaggg ctgcttaaac aagagctaca gctattgaac 60
 aaactgctta ccatttttag cttcaacaca ggaatgaggc agtgttgcca aacgccattt 120
 taagaatcct gcataaataag cttagctacc gatgactctg cctgttttag cttggctgaa 180
 gaggaaataa aaacagaaca ggaggtggta gagggcatgg atatctctac tcgctccaaa 240
 gatcctggct ctgcagagag aacagcccag aaaagaaagt tccccagccc tccacattct 300
 tccaatggcc actcgcgcga ggacacatca acaagcccca ttaaaaagaa aaagaaacct 360
 ggcttactga acagtaacaa taaggagcag tcagaactaa gacatggtcc gttttactat 420
 atgaagcagc cactcaccac agaccctgtt gatgttgtag cgcaggatgg acggaatgat 480
 ttctactgct gggtttgtca ccgggaaggc caagtccttt gctgtgagct ctgtccccgg 540
 gtttatcacg ctaagtgtct gagactgaca tcggaaccag agggggactg gttttgtcct 600
 gaatgtgaga aaattacagt agcagaatgc atcgagacct agagtaaagc catgacaatg 660
 ctcaccattg aacagttatc ctacctgctc aagtttgcca ttcagaaaat gaaacagcca 720
 gggacagatg cattccagaa gcccggtcca ttggaacagc accctgacta tgcggaatac 780
 atcttccatc caatggacct ttgtacattg gaaaagaatg cgaaaaagaa aatgtatggc 840
 tgcacagaag ccttcctggc tgatgcaaag tggattttgc acaactgcat catttataat 900
 gggggaaatc acaaattgac gcaaatagcg aaagtagtca tcaaaatctg tgaacatgag 960
 atgaatgaaa tcgaagtatg tccagaatgt tatctagctg cttgccaaaa acgagataac 1020
 tggttttgtg agccttgtag caatccacat cctttgggtc gggccaaact gaaggggttt 1080
 ccattctggc ctgcaaaagc tctaagggat aaagacgggc aggtcgatgc ccgattcttt 1140
 ggacaacatg acagggcctg ggttccaata aataattgct acctcatgtc taaagaaatt 1200
 cctttttctg tgaaaaagac taagagcg 1228

<210> 7337
 <211> 2113
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2114)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (2019)...(1436)
 <223> similar to gi3256092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7337

tttttttcac	ttcaatgctt	tattttttaga	tgatattaaa	aacctcatta	ggctccctga	60
gggaaaagag	tgtaaccac	taacagaggc	aggggaaaaa	taaaggaaac	agaaagataa	120
gctaaattgt	taacaaggaa	agctcctcag	ttggtctgag	gatgctgtac	aagctaaaag	180
aaacttatta	ccaagaccag	gtaaatgact	tgaggttgga	gcttaatctt	ttaccctcag	240
gctagtaagg	actagtcagg	tttgtcaaa	tggcataatg	ctttattatg	atttccagat	300
gggatctggt	gggaggcggg	tgggtagaag	ggaaggcaga	gaaaccctta	aagattgtaa	360
gctaagtgtc	ctataccttt	atacaatacc	aatgtgcttg	agtctcccgt	taagaggctg	420
aaaactgggc	aggcatacgc	aagactgggt	gcgagattca	atggaatgtc	aaatgaaaact	480
tagaatttat	taatgtattt	acataattta	taatctttta	gcaatggccc	cataaatata	540
gactacaact	ttacatatgc	taagcaatag	atacttgctt	ttccccacca	aaataacttg	600
gttaaaaaaa	aaattgacag	catttatacc	accttcttca	cttccactct	tcttcccttt	660
taaaccattg	ctagtcattt	tagaacatat	gaaattcagt	ttattccggg	cagcttctct	720
accatcacca	tcttgatcat	gagagcttat	ttaaaaaggt	gccataaacg	tgtttggtgg	780
cacacacatg	acaaggtcag	aagcaaacc	aggatgagct	aggcatctgc	tgctatcatt	840
gttaatttac	tgtacgtatc	ctaggctaac	atgttcaatg	aaaagtgtct	tagagatggc	900
agagatgaaa	tcattttccat	cagtcctata	aataacccat	tttagcttca	gacaataatt	960
gtcctcccta	cacttaaaact	atcctactat	atgttaaatg	atacaactcc	ctctaacagt	1020
ggtaacagaa	accaaggaaa	ttataatctc	cacaaggctc	gtttcttttc	ccttaagaac	1080
cacaaaagtg	ctaattttcc	ctttacaaat	gttacataaa	atcttgatta	caaaaactact	1140
caacaactta	atcctaccat	ccatacaatt	atatgttcct	tttcagcaag	gtcaaaaagcc	1200
aacgatgtag	tccctttgta	cactagagat	tctttacata	atagaagtgc	acagactgaa	1260
atatcattgc	tgcagtcctt	ggagaacaga	actgggtccat	ttctgtgaat	cctttttgca	1320
cggagaagac	tcaagactgg	ctagggtgaaa	actgggtggca	gggaccccag	ccctcctggt	1380
aactttcagg	accacctact	tcatcatcaa	gtctgagagg	ctgagggttcg	gtcagcagca	1440
gctccgcttt	ggctctgaag	gctgtcttcg	gagtttgaag	cccttaccgc	cagatggcag	1500
gttggcgctc	gtggatggaa	ttcttcgact	aattttctata	aagagtccat	ttatgtttat	1560
cgcgtttttt	gcgctgggtc	ctacaaaaat	tgcatgaata	gagtcggcgt	agtcctttgc	1620
atctctctcc	atgacttctc	ttacatcgat	aagatcacat	ttatttcctg	caatggcaac	1680
tacaatatta	ggtgggcca	gctgtcgaag	ctctttcacc	caattcttta	atgttgaaaa	1740
tgtctcttct	tttgtgatat	cataaacgat	tatagctgca	gccgaccctc	gatagtacat	1800
tggtgctaag	gcacgaaatc	gttcttgtcc	agctgtatcc	cagattagga	atttatgtag	1860
ctcattttgg	tactggacag	tcttgggtcat	aaaagatgcc	cctattgttg	ggttgatgtt	1920
tggtacaaaa	ctgtcttcca	caaaccgcca	cacaatactc	gatttaccta	cacctgtatc	1980
cccgagcaga	cacactttga	gtccctcag	cgccatggcc	cgggagccag	gggcgcgggc	2040
ggacgcgtgg	gcgcacgcgt	ggatctccgg	gccgggtaccg	anagcgatca	attgngtca	2100
atnnccccac	gcc					2113

<210> 7338
 <211> 1569
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (96)...(963)
 <223> similar to gi4929635 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7338

atcacgtgga	cgctactcgc	tattcccggc	ctgttggtt	cttccgcgt	ggagtatcca	60
gataggcgac	acgccggcgg	gcggctgagg	cgggaatggc	tgctgtactg	cagcgcgtcg	120
agcggctgtc	caatcgagtc	gtgcgtgtgt	tgggctgtaa	cccgggtccc	atgaccctcc	180
aaggcaccaa	cacctaccta	gtggggaccg	gccccaggag	aatcctcatt	gacactggag	240
aaccagcaat	tccagaatac	atcagctgtt	taaagcaggc	tctaactgaa	tttaacacag	300
caatccagga	aattgtagtg	actcactggc	accgagatca	ttctggaggc	ataggagata	360
tttgtaaaag	catcaataat	gacactacct	attgcattaa	aaaactccca	cggaatcctc	420
agagagaaga	aattatagga	aatggagagc	aacaatatgt	ttatctgaaa	gatggagatg	480
tgattaagac	tgagggagcc	actctaagag	ttctatatac	ccctggccac	actgatgatc	540
acatggctct	actcttagaa	gaggaaaatg	ctatcttttc	tggagattgc	atcctagggg	600
aaggaacaac	ggtatttgaa	gacctctatg	attatatgaa	ctctttaaaa	gagttattga	660
aaatcaaagc	tgatattata	tatccaggac	atggcccagt	aattcataat	gctgaagcta	720
aaattcaaca	atacatttct	cacagaaata	ttcgagagca	gcaaattctt	acattatttc	780
gtgagaactt	tgagaaatca	tttacagtaa	tggagcttgt	aaaaattatt	tacaagaata	840
ctcctgagaa	tttacaatga	atggctaaac	ataatctctt	acttcatttg	aaaaaactag	900
aaaaagaagg	aaaaatattt	agcaacacag	atcctgacaa	gaaatggaaa	gctcatcttt	960
agtttcagat	taaagaaagc	tttgttttat	tttgctttga	gagaatggta	tgttttctta	1020
actataggtt	attttataga	gaatataaaa	gtataaaaca	ttaaaaataa	ccctagatat	1080
actttaaaat	aatgttatat	ttatgctaaa	atatgtaaat	tacactatac	aaccatatga	1140
taggttattt	ctctaacctt	gtcttctaac	gtttttacca	aaattcataa	tctaatagtt	1200
tatcagtttt	caatagatta	aataaaatga	ttactttaaa	aataataaaa	tttatctaata	1260
ttaaagttga	tattattttt	ggccggttagt	tatctattac	tagtgatcag	ttatactgtt	1320
ttctatagct	actttattta	acagcacaga	tttctatgca	cctttactct	ttcctcaacc	1380
cttgtctcta	tctgtacata	attgctttgt	cttgatgttt	ctatcaacta	tatcatgact	1440
atctattggg	tccataactc	tgtatcatgt	gtattttctt	attctgggtat	accacaaatg	1500
attcatgcaa	atgaattttt	ggtgattgaa	aaatattaaa	ttcccaattt	aaagtaaaaa	1560
aaaaaaaa						1569

<210> 7339
 <211> 1690
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (339)...(1033)
 <223> similar to gi4102980 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7339

ttttttggta	tcgattgggg	ccggggacgc	ggagcaggtg	gccgcggcgg	ggcagctggg	60
ccgccagctt	ggtgcctcgg	ggaccgtctc	ccgctgcttt	ggtcaccagc	ccctgcccgc	120

```

ccgacccgct ccgttctccg gcctgcgagc cctgccggcc ggactttgcg ccgcgtcceg 180
cgctgctgct gcgctcgggg ccccgctcgg cgccggcggt gaccgggaag ccccggttaa 240
aggggcaacc gggaccctgg cccggtatgg ctgaagtcag catcgaccag tccaagctgc 300
ctggagtcaa ggaagtatgc cgagattttg ctgtcctgga ggaccacacc ctggctcaca 360
gcctgcagga acaagagatt gagcatcatt tggcatcgaa cgttcagcgg aaccgtttgg 420
tccagcatga tctccagggt gctaagcagc tccaagagga agatctgaaa gcgcaggccc 480
agctccagaa gcgctacaaa gaccttgaac aacaagactg tgaaattgct caggaaattc 540
aggagaagct ggctattgag gcagagagac gacgcattca ggagaagaag gatgaggaca 600
tagctcgctt tttgcaagaa aaggagttac aggaagagaa aaagagaaaag aaacactttc 660
cagagttccc tgcaacccgt gcttatgcag atagttacta ttatgaagat ggaggaatga 720
agccaagagt gatgaaagaa gctgtatcta ctccatcacg aatggcccac agggatcagg 780
aatggtatga tgctgaaatt gccagaaaac tgcaagaaga agaacttttg gctacccagg 840
tggacatgag agccgctcaa gtagctcaag atgaagaaat cgctcgactt ctaatggctg 900
aagaaaagaa agcttacaaa aaagccaagg agcgggagaa atcatctttg gacaaaagaa 960
agcaagaccc cgagtggaa gcaaaaacag ctaaa gcagc aaattcaaag tcaaaaagaa 1020
gtgatgaacc tcaccattct aagaatgaaa ggccagcacg gccaccacca cctatcatga 1080
cagatggtga agatgcggat tacactcatt ttacaaacca gcagagttcc acacggcatt 1140
tctcaaaatc agagtcctct cataaagggt ttattacaa acattaaaaa cctaggaatc 1200
tgccttgaaa atggactcac tatagcaaat attactgggt gatacagaat gaattctaca 1260
cttacttttt ttctcctgtg tttgcattcc tgggatttat cctcaagtgc atttctgacc 1320
ataagtaatt ttaattcatt tcaaatgttt tggttattca tgatcacttg ggcagtataa 1380
gaaaatgtag cttctgaata ttggccacct ctatgctgca tatacttctt gggatatagt 1440
atctaagacc tttgtaaact gccattttgt taggtatgga gtttggtatc tagggagtag 1500
gccttattta gcaattcaaa ttttatggag atgaatgatc aaagtgaac aatgtttgga 1560
tgcaacgcag aataaaagaa tataagaaat agctttttgt tgcattaatg tatgatattt 1620
tgaaggacag agcctttgct ttttgtattc ttaagaaaa gcacaaccat aaagtatttt 1680
aaaaaaaaa 1690

```

```

<210> 7340
<211> 2423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (185)...(1090)
<223> similar to gi5565862 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7340
acagttatga ccatcattac gccagcttgg cagcaggcct cgtgccacag ccggcgaccc 60
ggagccgaga gcggggcgcg gagcctgagc tggacgcggc cagccggcg cggcgggata 120
tgtgtgtgct gtcataagct ccagagagct gccttccaca agaccagcag aagagtgggc 180
aaacatgaaa tccaatcctg ctatccaggc tgccattgac ctacacagcg gggctgcagg 240
aggtacagca tgtgtactga ccgggcagcc ctttgacaca atgaaagtga agatgcagac 300
gttccctgac ctgtaccggg gcctcaccga ctgctgctg aagacttact cccagggtggg 360
cttccgtggc ttctacaagg gtaccagtcc agcactaatc gccaacatcg ctgagaactc 420
agtcctcttc atgtgctacg gcttctgcca gcaggtgggt cggaagtggt ctggattgga 480
caagcaggca aagctgagt atctgcagaa tgcagccgcc gggtccttcg cctctgcctt 540
tgctgcaactg gtgctctgcc ccacggagct cgtgaagtgc cggctgcaga ccatgtatga 600

```

gatggagaca	tcaggaaga	tagccaagag	ccagaataca	gtgtggtctg	tcatcaaaag	660
tattcttagg	aaagatggcc	ccttgggggt	ctaccatgga	ctctcaagca	ctttacttcg	720
agaagtacca	ggctatttct	tcttcttcgg	tggctatgaa	ctgagccggt	ccttttttgc	780
atcagggaga	tcaaaagatg	aattaggccc	tgtacctttg	atgttaaagt	gtggagttgg	840
tgggatttgc	ctctggcctg	cggatatacc	agtggattgt	atcaaatcca	gaattcaagt	900
tctttccatg	tctggaaaac	aggcaggatt	tatcagaacc	tttataaatg	ttgtgaaaaa	960
tgaaggaata	acggccttat	attctggact	gaaacctact	atgattcgag	cattccctgc	1020
caatggagca	ctcttttttg	cctacgaata	tagcaggaag	ttgatgatga	accagttgga	1080
agcatactga	agtgtccttg	tgggcctgag	ccaagcacag	gtgtttgagg	actacagttc	1140
atctcagggg	ttcttggagt	acaagaccag	tgtgaagtta	ttctgatttc	ttgggaattt	1200
tgtcttttgt	cttcccttct	accctacatc	ttaaacttta	tggaagaacc	tctattttgc	1260
atcatatcat	ttcctgtccc	ataattgtac	tggaatagaa	agagtgacct	gctcttgctc	1320
ttggtaaaaa	tatagagtgg	tcagtagcct	tatgcaccta	attccaaagg	tggaaatata	1380
ttctgtcagg	gctttttacg	aaacctccac	ttgtacatgc	aatttggaca	gttatgtgtt	1440
gagggaaaata	cagtttgagt	accttgttta	tttcaaata	cagaaaaacc	cagaggtgat	1500
cattttctcat	gaagatgctt	ataaatgggt	gcttaacca	ttctagatgt	aggggtcgtc	1560
taatgtgtgt	acttttctaa	gtggttgatt	attttttatt	tttttgatac	ggagtctcac	1620
tctgcactcc	agactgggtg	acacagcgag	acttcatctc	aaaaaaaaaa	agaaaagcaa	1680
ttgtacttca	ctatgccata	tgtatgtatt	cactgaccaa	aaattcactg	accaaccaac	1740
caaactccac	acttcatctg	atcccccata	gacttgggga	tggacagctg	ttctttggcc	1800
atatggtata	agaggatcat	tcttgtcact	acttaagtta	gcctcatcat	tttgtgctgc	1860
tccaacacca	gcagggtatc	tccaataaaa	gtgttcctaa	gcagcctgta	tactgagtgc	1920
aagcaggcta	tcaattttta	taatagtcca	taccatgtat	gtgtttctgt	cagcagaatg	1980
tacatgttgt	acaaaacctc	cagggttcctt	aagctttttg	ctgtccatga	atcctctgtg	2040
gcaactgtaa	tcacagagcc	agaagccaga	gggccaggga	tatgagaggg	tgacaaacat	2100
caggggacat	ctggggagga	gatccctgtc	atgtctcttg	tgccatggag	ctattatggc	2160
tgttcttcca	tttgcttttt	ctttaagtga	aaaccatttt	tctactttgc	ttttctctcc	2220
atacttaaat	ggtcagtagc	tactgagtgg	tgttttatct	gaataggcct	ggatcgaaat	2280
aaaatagaaa	tgggactggc	tttccacagg	aagtaaactt	gctttcagga	gccacaagt	2340
cccctgctca	gtgtccgga	agaagtcagt	catccctgtt	gggcagtga	atcttccac	2400
aggcccgtcc	aattagagaa	ttt				2423

<210> 7341

<211> 1585

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1358)...(1216)

<223> similar to gi4973019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7341

tttttttttt	tttttttttg	cctctaacag	aagcatcaag	ccactgactt	aatatcccat	60
gagctcctac	tatgatgaca	taacatgtca	cattttattgc	tcttacctac	ttcctaagtt	120
actgcttgcc	taataaggaa	aagggaaga	aataagagtc	caaaagacac	tcagaacacc	180
agcagcagct	ttcaagtaag	gactcagggg	caggggtctca	caactcctcc	atttcatgtt	240
tcatttacat	tgtcttcgtg	ctccagcagc	aaggctgaca	tgtgctttgg	ggtaggagcc	300
tggagtattt	ctgccagatg	gtctgaggtg	acgtatactc	ctagagccca	agtgaccacc	360

```

agaagggaca tgtgagacag caggcagagg ccatacatgg aggatcacac tccctcagac 420
gtcatcagcc ccatgcttta tcctttgact ccccttgatc ctcaaggcca ggtgggggtgc 480
ccctgctgca tgctccagag aactgtgggc ctctcctacc atggctctca atgcactgtt 540
ccataactgg cttctcccct ggacagagcc accctgggtct ccttgtaagc tttagtgtgg 600
cttggtccctg agtgtgtggg gtaggaatag gagtgtgttc ttgtgtatgt tgcaatcttt 660
aggctcagga gacaaggagt tagacctgag tcctgacatg tgcactcatt tgtactcacc 720
attacattct atttaattgc tttgagccag acaggctgtt ttctttacca tgaaatatac 780
taatcattca aaaaagcctt gtgtttaaga agacagcaaa aaacatcact tcaaaaaggc 840
aacttttttt ttttcttggc atcaatgaat atgcacttca gaaatctaca gagaactttt 900
ttcactttgt atttgttcca cagcattcta gccaggagta caaaatagga gctcttcaag 960
cagcacatga agatggccca ggagccttca gccatccaga gcagcagagc agcacctaaa 1020
tctccacaca cttcccagta taaccactaa gaacacacta gacccttggc attaggggat 1080
ttatcatttc cagtcttatt atctgggaat gactccaagg gtttgtgaca agcttttgaa 1140
acgtaagtgc taagacgagt gtggacaagt cactgagcta atgaagaata gaccactgt 1200
ctgcttggct ctgctatttt gtacctgtct tcacatgtgg ggaaacttca taactgtgcc 1260
cacaaatcag agaaattcgc aaaggactag acaatgtatt gcctgtgaac ttcagaggca 1320
actggaaata gtgcaactgg aaatcaacta gcttcataca taggcggatt tgtttccagg 1380
gaccaaagc acagaagata agaaaacttt tcaggtgatg gccatattct catcatatcc 1440
tctctgtgtg gagtctgcct gttgtcacia aaaccttgac cctacatcaa gttacaccct 1500
taacaaaggg aagatacagg catccagata aaaggctactt gtttgaaagg cagcccataa 1560
gggagaactg aacttaaaaa aaaaa 1585

```

<210> 7342

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (93)...(1063)

<223> similar to gi30219 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7342

```

cccacgcgtc cgcggacgcg tgggcgaggg tgtaggaagg aaagcccagg acctccggag 60
cagagcacag cagctgcaga ggcaaggcca gcatgtcgcc caacttcaaa cttcagtgtc 120
acttcattct catcttcctg acggctctaa gaggggaaag ccggtaccta gagctgaggg 180
aagcggcgga ctacgatcct ttctgtctct tcagcgccaa cctgaagcgg gagctggctg 240
gggagcagcc gtaccgcccgc gctctgcggt gcctggacat gctgagcctc cagggccagt 300
tcaccttcac cgccgaccgc ccgcagctgc actgcgcagc cttcttcacg agcagagccc 360
aggagtccat taccatccac tacgaccagg tctccatcga ctgtcagggc ggcgacttcc 420
tgaaggattt tgatgggttg attctcaagg gggagaagtt cccagttcc caggatcatc 480
ctctcccctc agctgagcgg tacatagatt tctgtgagag tgggtcttagc aggaggagca 540
tcagatcttc ccagaatgtg gccatgatct tcttccgagt ccatgaacca ggaaatggat 600
tcacattaac cataaagaca gacccaacc tctttccttg caatgtcatt tctcagactc 660
caaatggaaa gtttaccctg gtagttccac accagcatcg aaactgcagc ttctccataa 720
tttatcctgt ggtgatcaaa atatctgatc ttaccctggg acacgtaaat ggtcttcagt 780
taaagaaatc ctcagcaggt tgcgagggaa taggagactt tgtggagctg ctgggaggaa 840
ctggattgga cccttccaag atgacgcctt tagctgatct ctgctacccc tttcatggcc 900
cggcccagat gaaagttggc tgtgacaaca ctgtggtgcg catggtctcc agtggaanaac 960

```



```

acgtaaactcg tgtgactttt gagtatcgtc agctggagcc gtacgagctg gaaaacccaa 1020
atggaaacag tatcggggaa ttctgtttgt ctggtcctttg aataaccaac ccagtgattt 1080
acatgctgat agctaagtga gtttttaatg gccatttgtg atgattttga tgcacaacta 1140
gttaaaaagcc tttcatacca gtcagtattc ccagccttga gcgcacgcgc gcacacacac 1200
acacacatac acacacgcat taatttttgt actttgcttc ttttatgttt gtaatctgta 1260
aatgaacaca tggcagaaaa taacccttga ttggtaggat catagtctta aatggaaatg 1320
tttgtaattc tttgatgtgc taaaaacctg aaactggtaa gacaagcaca aagcaacgtg 1380
caatacaaaa atcgtatctc aagggaataa actcaaagaa agaaaagtgg cagcacttat 1440
attagtttta taacaggata aagtcttgtg tatagcaaag tagttgcatc tgtttatattt 1500
ctatttatta ttgttacaat aggtaatagt tatagcaatt atttattgat ttgtaacaac 1560
ttgtttttaa ccaaactttg tagcatggaa aaaattttcc atccacaaat acaaacatga 1620
ataaatacat tcagaatgtt ggcccatga aaaaaaaaaa aaa 1663

```

```

<210> 7343
<211> 2712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (197)...(2123)
<223> similar to gi4836401 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7343
tttgccgggt cgacgatttc gtgcgcgagg tttcaagatg gcggtagctg aggggttgac 60
cgagagagccc agttgaaggc ctttacgaag tgaaagaggc cgggagtcgc cccctacccg 120
cttctcgtag tcctgggagc acagcagaag tgtttttctt tttttaatga acaagtaaac 180
catacaaatt gtcaacatgg gacggagatc tacatcatcc accaagagtg gaaaatttat 240
gaaccccaca gaccaagccc gaaaggaagc ccggaagaga gaattaaaga agaacaaaaa 300
acagcgcgatg atgggttcgag ctgcagtttt aaagatgaag gatccaaaac agataatccg 360
agacatggag aaattggatg aaatggagtt taaccagtg caacagccac aattaaatga 420
gaaagtactg aaagacaagc gtaaaaagct gcgtgaaacc tttgaacgta ttctacgact 480
ctatgaaaaa gagaatccag atattttaca agaattgaga aagctagaag tagaatatga 540
acagaagagg gctcaactta gccaatattt tgatgctgtc aagaatgctc agcatgtgga 600
agtggagagt attcctttgc cagatatgcc acatgctcct tccaacattt tgatccagga 660
cattccactt cctggtgccc agccaccctc tatcctaaag aaaacctcag cctatggacc 720
tccaactcgg gcaggttcta tccttcctct tcttgacat ggggttccac gtttgcccc 780
tggcagaaaa ctccttgccc ctccccctgg tccacctcct cctcaagtcg tgcagatgta 840
tggccgtaaa gtgggttttg cctagatct tccccctcgt aggcgagatg aagacatgtt 900
atatagtcct gaacttgccc agcgaggcca tgatgatgat gtttctagca ccagtgaaga 960
tgatggctat cctgaggaca tggatcaaga taagcatgat gacagtactg atgacagtga 1020
caccgacaaa tcagatggag aaagtgcagg ggatgaattt gtgcaccgtg ataatggtga 1080
gagagacaac aatgaagaaa agaagtcagg tctgagtgtg cggtttgagc atatgcctgg 1140
aaaatcaagg aagaaaaaga agaactgaa ggaactgact cctcttcaag ccatgatgct 1200
tcgtatggca ggtcaagaaa tccctgagga gggacgggaa gtagaggaat tttcagagga 1260
cgatgatgaa gatgattctg atgactctga agcagaaaag caatcacaaa agcagcataa 1320
agaggaatcc cattctgatg gcacatccac tgcttcttca cagcagcagg ctccgcccga 1380
gtctgttcct ccttctcaga tacaagcacc tcccatgcca ggaccaccac ctcttgacc 1440
accacctgct ccaccattac ggcctcctgg gccacctaca ggccttcctc ctggtccacc 1500

```



```

agctcagcag ggtggatatg agatcccagc aaggttgcgg acgttgccaca acctgggtgat 720
ccagtacgca gcccagggtc gctatgaggt ggccgtgccca ctctgtaagc aggcactaga 780
ggacctggag cgcacatcag gccgtggcca cctgatgtc gccaccatgc tcaacatcct 840
tgctttggtg tatcgtgacc agaataagta taagggaagct gccacacctgc tgaatgatgc 900
ccttagcatc cgggagagca ccttgggacc tgaccatcct gctgtggctg ccacactcaa 960
caatttggtg gtgctctatg gcaaaagggg caagtacaag gaggcagagc ctctgtgccca 1020
gcggggcactg gagattcgag aaaaggtcct gggcacgaat catccagatg tggcaaaaaca 1080
gctgaacaac ctggccctct tgtgccaaaa ccaggggcaag tatgaggccg tggaacgcta 1140
ctaccagcga gcaactggcca tctacgaggg gcagctgggg ccggacaacc ctaatgtagc 1200
ccggaccaag aacaacctgg ctctctgtta cctgaaacag ggcaaatatg ctgaggctga 1260
gacactatac aaagagatcc tgacccgtgc ccatgtacag gagtttgggt ctgtggatga 1320
tgaccacaag cccatctgga tgcattgcaga ggagcgggag gaaatgagca aaagccggca 1380
ccatgagggt gggacaccct atgctgagta tggaggctgg tacaaggcct gcaaagtga 1440
cagccccaca gtgaacacta ctctgagaaa cctgggagct ctgtataggc gccagggaaa 1500
gctggagggt gctgagaccc tggagggaatg tgccctgcgg tcccggagac agggcactga 1560
ccctatcagc cagacgaagg tggcagagct gcttggggag agtgatggta gaaggacctc 1620
ccaggagggc cctggagaca gtgtgaaatt cgaggggaggt gaagatgctt ctgtggctgt 1680
ggagtgtgctc ggggatggca gtgggaccct gcagaggagt ggctctcttg gcaagatccg 1740
ggatgtgctc cgcagatnca gtgaactctt tgtgag 1776

```

```

<210> 7345
<211> 1588
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1589)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1200)...(761)
<223> similar to gil208729 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7345
tttttttttt ttgcatttca aatattttta tagttttatt tcgcaaagag aagcctaaga 60
atttttttaa aaacatttcc agagagaaca ctttatacca taaaataaac ttgtataatt 120
tgggaggaca aatcatctca aatgtatatt tttgaattat gtgccaattt tataattagt 180
acaaaaatga cagctgaaat attttaaaaa tgtaaaaacc agtccaggca acataactat 240
accatcttgc tgtaaaagta cttatatcga attccgcaca aaatattttt gcaatatgct 300
aaatttagtt cttcaagtca ctcttcaactg ccggctggct tttccatttt ctgttgtctc 360
catcccatth ttctctttta gatgttgata tagttcagct ctgttattaa cagagttcaa 420
acgtccagca aattcctgat gttttctgga attggcagta ttgattctat tactccacaa 480
ggataataac gacactggcc cttttgattt ttccacttgt ggagtttcat ccatttcaac 540
aaggggtttt ttgtttggag gttctgggga atcaggcgaa tcttttataa tctcagcttc 600
agccaattct tcttttccac gctctaagat tccttttaat ctctctgagt cttgccaaaga 660
cttttctgt tcataatctt tcaactgctt ctctgacttg tctctttgt cttccctctt 720
tcttctctgt ttctttctgt cttcctcttc tgggggtttg ctctgcatg ccatcagaca 780

```


<210> 7347
 <211> 971
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (242)...(451)
 <223> similar to gi2392823 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7347
 aagggggaag ccaggggccc atttgggggc ccagccccc atccccacca gcagaggaag 60
 ccaaggtcgg ggcagctgtg attgctccct ggtcctggag aggaaactgg ccatctgctt 120
 tatctgaaga ttttcagctg atgaagaact aggaggctca aacactatct tacctgagtc 180
 caggacaagt gacttggaga gtgtgctctt ctgtggcagg atcaggtctg tctagggcag 240
 gatggcccag gatctcagcg agaaggacct gttgaagatg gaggtggagc agctgaagaa 300
 agaagtgaaa aacacaagaa ttccgatttc caaagcggga aaggaaatca aggagtacgt 360
 ggaggcccaa gcaggaaacg atccttttct caaaggcatc cctgaggaca agaatccctt 420
 caaggagaaa ggtggctgtc tgataagctg atggcatgga gccctgccct gagtgtctgt 480
 ccctcttcag ccaagcccaa gtctcctaga cccccaggga gccagtgaac tgtcaccttc 540
 tcttcacac agaatgagta aagatccctg aacaaatgca ttgtgaaccc attccccact 600
 cccaccttca actcttttct cccattatct cctccacctg ctgggtctct gctgaccttg 660
 ctgggaacac tctgaggaca gtgtggctgg ccgagcgggt ggcccatgg gtggtggggt 720
 gtgagaagcc tgcaataccc caagaccca gaggacagtc cttaggaagc acttacacca 780
 cctgggaacc cctccgtctt ttccctctac tctcatccta ggaataaagc attccacgc 840
 cagagtagtt tgggctgggg gccagggttg ggtggctctg tccctccata tcatgtccta 900
 ccctatggtc ctgttcctag tcatttagat cccccagat ggcctgatga caacaagagt 960
 ttgtgaagtt a 971

<210> 7348
 <211> 2683
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (59)...(711)
 <223> similar to gi2804584 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7348
 cccacgcgtc cgcgcacgct tgggtgcgtgc gcggcgactg cgacgggcag tggcagtcac 60
 ggcggctcag tgcgtgaggt tggcgcggcg cagtcttcct gctttggcgt tgtctctcag 120

gccatctccc	cggttgttgt	gcacagccac	gaaacaaaag	aacagtggcc	agaacctgga	180
agaggacatg	ggtcagagtg	aacagaaggc	agatcctcct	gctacagaga	agaccctcct	240
ggaagagaag	gtcaagttgg	aggaacagct	gaaggagact	gtggaaaaat	ataaacgagc	300
tttggcagac	actgagaact	tacggcagag	gagccagaaa	ttggtggagg	aggcaaaatt	360
atacggcatt	caagccttct	gcaaggactt	gttggagggtg	gcagacgttc	tggagaaggc	420
aacacagtgt	gttccaaaag	aagaaaattaa	agacgataac	cctcacctga	agaacctcta	480
tgaggggctg	gtcatgactg	aagtccagat	ccagaagggtg	ttcacaaaagc	atggccttgct	540
caagttgaac	cctgtcggag	ccaagtccga	cccttatgaa	catgaggcct	tgttccacac	600
accggttgag	gggaaggagc	caggcacagt	ggccctagtt	agcaaagtgg	ggtacaagct	660
gcatgggcgc	actctgagac	ccgccctggt	gggggtggtg	aaggaagctt	agctgctggt	720
gatgggggtg	gtgtttttta	actcacttga	tgtaaactctc	aaggctgggt	cattgttttct	780
catctatgag	tacgtgtgac	cttttcccaa	accttattgg	aaaccttaag	taaccagtgg	840
ctaaacagaa	aagccggttg	cccaactgca	ttaatgaact	ctaattcggg	agtctgttcc	900
cttttagtgc	cacgcggttg	atagttccac	atactttcag	aagagctcag	cagggccctg	960
cctggtctcc	cgagcatcat	gagtaacgtg	tctgctcaga	ctctgctgac	accaaagtat	1020
tttaaacaac	taaaaggtct	tggggaattc	tgtttggcta	cctgggcacg	ccagtctgca	1080
ccatgtgtcc	ctgcgcgcga	tgagtgactg	gcgtatttag	cccgtcacat	ttcattcgct	1140
gaaggaaagg	caagagagtt	gaaacatttt	tcttacttaa	aaaaaatgat	ctttgtgaag	1200
aacatagtga	gttcgtttgt	cttcagtcaa	cagcggctga	aactgaccac	tgagaaatgg	1260
gtgtgggcac	tgacagttct	ccccattat	ttggccagga	attgagcttg	gcttggcaaa	1320
gttcctttta	ccctgttctg	ttcatctaaa	tgcagacata	tttaaatacat	attcaactag	1380
ttactaatga	cctcaagttg	tattccctgg	caaaatggac	tttctcaaaa	taggactgca	1440
cgcttggtgt	acttttaaatg	ttaatgttta	atttaaaatt	tttatttaag	aggattaaag	1500
ccctaattgt	tattttccta	ctttctgaaa	acaattttgt	gtcctctcat	ggagatcctt	1560
gccgtgagg	caagcatggc	ttagccttcc	cattctctac	tccagcccag	aagctgtcag	1620
cttgacacgt	gcgtgcgtgc	acattcacgt	acacacatat	acaggcttct	acacagaaaag	1680
ggagagccac	actccccag	tgcagctgca	gcccgtccgg	taagaatacg	aaacacccag	1740
gagccacagc	aagggcacag	gatttgcaaa	atcatcttgc	caaagggtctg	ttcctcattt	1800
acacgggtcat	ccagggctta	gaaaaaggct	gaatgattgg	cgtctgttac	aaaaaagaga	1860
aaagaacctt	tcgctgcctt	tgcttctaga	atggaagata	cttgtgaaag	ccatttgctg	1920
cacaggaaaag	atggggcagt	ttatttcaact	tctaatttta	aaagacgcaa	gtaatggtcc	1980
cataatactt	catcttgagg	taccattccc	aaacatgttc	cacctttaag	atgccttaag	2040
ttaatttggg	cagaaacaac	taaaggcagc	atcgtgtatt	ggagaaaaca	tgactgggag	2100
ctccagcgct	gcctgttttc	acgctgtggg	gttgtgagtg	catcatcacc	cctggagctc	2160
ccgagttaaa	tggaggctaa	gaaaagtaat	ttatcaactc	atttctgtga	atgtttgcag	2220
tctcctaccg	tctcaactac	agctgcagtt	gctaaaaagc	acttaactcg	taacctagag	2280
gcaatatagc	ttaagtagca	aaatatTTTT	ttacagtaag	cttcagtcac	ccatagtcac	2340
tataagttgg	ttatcatctg	aaatggttag	aaccagaatt	gtttcaaact	tgggggggtt	2400
tcggattttg	gaatatagtc	aagcatggct	taaccacagg	gatgtgttct	gagaaatgcg	2460
ctgtcaggca	gtttttcctg	tgaacaccat	gtgtacctac	atggacctaa	aaaacagggtg	2520
gtggagcctc	ctccacacct	aggctatatg	gtgtatgtag	cctggttgctc	tagactggag	2580
ggcacgttac	tgtactgata	ctgtaggcaa	ctgttaaacac	aatggtatct	gtgtatctga	2640
acataacata	gtaaagggtac	agtgcaaaact	gtgaaaaaaa	aaa		2683

<210> 7349

<211> 1260

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(977)

<223> similar to gi29794 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7349
cccacgcgctc cgctttctct ctcagctctc cgtctctctt tctctctcag cctctttctt 60
tctccctgtc tccccactg tcagcacctc ttctgtgtgg tgagtggacc gcttacccca 120
ctaggtgaag atgtcagccc aggagagctg cctcagcctc atcaagtact tcctcttcgt 180
tttcaacctc ttcttcttcg tcctcggcag cctgatcttc tgcttcggca tctggatcct 240
catcgacaag accagcttcg tgccttttgt gggcttgccc ttcgtgcctc tgcagatctg 300
gtccaaagtc ctggccatct caggaatctt caccatgggc atcgccctcc tgggttgtgt 360
gggggccctc aaggagctcc gctgcctcct gggcctgtat ttgggatgc tgcgtctcct 420
gtttgccaca cagatcaccc tgggaatcct catctccact cagcgggccc agctggagcg 480
aagcttgctg gacgtcgtaa agaaaaccat ccaaaagtac ggcaccaacc ccgaggagac 540
cgcgcccgag gagagctggg actatgtgca gttccagctg cgctgctgct gctggcacta 600
cccgcaggac tggttccaag tcctcatcct gagaggtaac gggtcggagg cgcaccgcgt 660
gccctgctcc tgctacaact tgcgcggcag caacgactcc acaatcctag ataaggtgat 720
cttgcgccag ctcagcaggc ttggacacct ggcgcggtcc agacacagtg cagacatctg 780
cgctgtccct gcagagagcc acatctaccg cgagggctgc gcgcagggcc tccagaagtg 840
gctgcacaac aaccttattt ccatagtggg catttgctg ggcgtcggcc tactcgagct 900
cgggttcattg acgctctcga tattcctgtg cagaaacctg gaccacgtct acaaccggct 960
cgctcgatac cgtagggccc cgccctcccc aaagtcccgc cccgcccccg tcacgtgcgc 1020
tgggcacttc cctgctgcct gtaaatattt gtttaatccc cagttcgcct ggagccctcc 1080
gccttcacat tcccctgggg acccacgtgg ctgctgccc ctgctgctgt cacctctccc 1140
acgggacctg gggctttcgt ccacagcttc ctgtcccat ctgtcggcct accaccaccc 1200
acaagattat ttttcacca aacctcaaat aaatcccctg cgtttttgtt aaaaaaaaaa 1260

```

```

<210> 7350
<211> 1682
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (173)...(838)
<223> similar to gill154901 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7350
ggcaagatgg cgcttgccga gtgattctcc tcgaatacct cctgccggcg cggagacacc 60
ggggcggggg tcctgccgca actacctccc ttccctcctt ccccgcccc cggagccttc 120
atccttccct tcccccccca cctcgagggg cgggcctggt tcccgggaca ccatgtcgga 180
ctctgaggag gagagccagg accggcaact gaaaatcgtc gtgctggggg acggcgccctc 240
cgggaagacc tccttaacta cgtgttttgc tcaagaaact tttgggaaac agtacaaaca 300
aactatagga ctggatttct ttttgagaag gataacattg ccaggaaact tgaatgttac 360
ccttcaaatt tgggatatag gagggcagac aataggaggc aaaatgttgg ataaatatat 420
ctatggagca cagggagtcc tcttggtata tgatattaca aattatcaaa gctttgagaa 480
tttagaagat tggatatact tggatgaagaa agtgagcgag gagtcagaaa ctcagccact 540
ggttgccctg gtaggcaata aaattgattt ggagcatatg cgaacaataa aacctgaaaa 600

```

```

acacttacgg ttttgccagg aaaatggttt tagtagccac tttgtctcag ccaagacagg 660
agactctgtc ttcctgtgct ttcagaaagt tgctgctgaa atccttggga tcaaattaaa 720
caaagcagaa atagaacagt cacagagggg ggtgaaggca gatattgtaa actacaacca 780
ggaacctatg tcaaggactg ttaaccctcc tagaagctct atgtgtgcag ttcagtgagc 840
gcatttttct tttgtgttga tagttctggc tgcccttcac ctctgggtgg gcccgaggac 900
ttctaggaac ttgttttatac agtgaccatc tctgtagtgc agttaacact ttactcccaa 960
cttgcttcat cattgctatt gcctcacagt ggcaggcagc tccttggaatt tgaaagaatt 1020
caactttggg accacacact ttgaattcaa aatggaaaac ccattccctg gaattagact 1080
gcttcattgc aaaagaatga tgttgtttct ttgtatgtcc ttgcttcttt tttcattgat 1140
gtaaatTTTT ttaacttaat atgaaaactc tccaagtctt gatcatcagc caggattttg 1200
ccacagcaat ttcattctct tatcggaaact tgtatgtgtc aaagtatact tcagagtgca 1260
aacattaagc aagtaataata ttttacctac agatacttat gaagacattc tttcgtatc 1320
gtgagtaaaa gtatataaag ctgttttctaa ctgaaaaatgc ttgaaataag cctgtaatag 1380
aaatattttt tcattttttta aaaaagggcc taaattgttt atattgtagt ttgtaactca 1440
caaagtaata tttgatattg tatttttatt actgtatcgt tgtcgttatg tattgtgtaa 1500
tactcagggt tgaaggcttt ctgaattctg ataaatgttc agctgatgct ccacgtggaa 1560
tttctcttgc aaactgcata agagtactcc cgagaatgag ttatgacatt gtggatccag 1620
actgtacctg gatgttcaga tgtttttctt tcacaaataa acttatttaa attaaaaaaa 1680
aa

```

```

<210> 7351
<211> 6911
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (6651)...(3898)
<223> similar to gi2224641 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7351
tttttttttt ttaacttttt ttctctttta ttgccaagtt taaatttaca aggaagttcc 60
agttttcatt tccaccctcg tgttcagtac ccacgaagca tgagtcattgc tgggcgaaaag 120
caggtaactc cctagagcgg tccccgaggc cccagaggcc accgaggttt tcctaaccctc 180
tcggttcctc actgggacaa aaattatttt acattatttt tagctcaagg aacataaagg 240
aactccgtaa cagtgtaggc cccaatgtca aagttgacta acattaaatg cttcatgatt 300
tatattattg catctaggac aaggaagatc aaaatcaggt tcaccccacg cgctttttta 360
aaaaacgggt gcatctcagg ggaccttagg agggaaattta ggcgcgttct gggcaggggc 420
ttgcggtttc tgtcacctgc cccttaggtt gcttgtgaac gcaagtgtct ggggtgtggg 480
aggctgccaa ggctccggga gagggactgg gctgggacag cggcagagga ggggctgctc 540
acggaggccc ctccctccaa tcccacgcga tgggtgaaggc tggcccttcc tgcttggggg 600
agcgcctcag ctggcccat ctgacctgct gggacaggta ccttgcacgt ccagaaaggg 660
acgagcacac ctccacaaca atattcaaag ccaaggtttg ggagttcctg cgccagccc 720
tgctccctga cttggcaaac ccagccggag gtgcacaggg gaagggtgga ccagggcctg 780
ggccataact ctaagtgtc tctgcaggga cttggggggc gggccgatg ggtctgtggg 840
ggctgacctc agacctctga ggctatgacc tgagtgtcag aagccacagc cccactgtg 900
ggccttccca cactcctggc tcttctctg gatgccaggg gcccagcgtg tctgtctgg 960
actggcctgt ctgggagcgc cccagctatg aggtttgacg ggagctcctg aagacatagc 1020
tgtgcccact gccgctgaga cctgggtgag gtgggggtcct ttgaagccaa aatggctggt 1080

```


ggcctccaat	gggctggctc	ccagacctcc	ttacataagc	aaagcttctg	ggagccctgg	1140
ttataggaaa	tcctcaccac	acacacctgg	aggtgtcccc	cagacgcaag	ttgccagccc	1200
cagctgaaag	aggccccctg	gagtgacctt	gcaagcccac	atggggactg	cccttttctt	1260
ggccagggat	gcagggtaga	agccctgccc	tgagcagtgt	cttttatcct	ccgctgggtcc	1320
tcccagtcac	ctttaatcct	ctgctgggtcc	tcccgggcat	gctgtccagc	cctgaccaag	1380
acctctctcc	ttcagtgctc	agtgggttaca	agaccagttg	gagcccagag	acttctgaca	1440
gcaggctggt	ggcccacccg	tgtggcatgg	agtgaagctg	aggctgttcc	tcctgggtcac	1500
gccttggggg	ggggcagcca	cttgcccttct	ctagtttctg	ctgccccaca	gacagagtca	1560
tttcaaaacc	agaagtgcac	gtctcagggg	ctagccatct	ccagccaggg	ccagcttgat	1620
cctctctacc	cctcttgctc	ttaaaaaatt	aagcaacaca	caggctgcct	gctgggtgtg	1680
gcgtgtcccg	tctcctgatg	ctgtgggtcct	tctctccatg	atggctcttc	ccccgctcca	1740
ccctgccttc	cttctcttcc	agggattctg	cagatggcca	cgggtggctg	ggtttgtcct	1800
tcctttgggt	ttctgccccat	gtggccccct	ttctgagctg	tgcgttttct	ctatggaagc	1860
aaaggtcctt	gtacctgcag	ccatgaaggc	tgggtgggca	cagctaccca	gagggttctt	1920
aaggactgag	gcctgtcccc	atggggcgcca	ctccccctcc	ttggcaggac	tgtgtttcct	1980
tcatgaggtt	gaaaactgcc	ctcggcaggc	cttgccggga	cagctggctg	ggccgaggag	2040
acagagacca	tgttcttcta	aaatgcaggt	ggcaaaagat	ctcagcgcg	ctcccgagac	2100
taccttatgg	ccaggctccg	gcggatacct	aatgccccctg	gtgggcacat	ctgctggcag	2160
gtctggagga	aagttgtgga	aggtctcacc	agtgaaccaga	gaggtgagg	gccgctggcc	2220
ctgggtgact	tggggagggt	ggatcacggc	ctgggctgtg	agtgtgtgt	ctggctccc	2280
agctggccga	gtagaaagga	acatcttggt	ggctgtgtct	gatgcactct	ggtccttgct	2340
tgtacacacc	cagtccgaat	ggggaaggga	accatgggg	ttccatattc	agatcagcag	2400
cagtagcaga	gggagagtga	cagactcaga	gctctgggga	cacatgccc	ttgcagctgg	2460
aggggaactg	gctctggggc	atctctcggc	acatgtgggc	acacacagtc	gagggcaggt	2520
gacgtagagg	gtgtcttcc	ttgatttcca	tcatggccac	agggtcggga	gtcttcacgg	2580
tcccaactgg	ttccttctta	gagatggtaa	cactgaagaa	ggtgctggaa	gctgtctctg	2640
tttggttttg	gtgaagagaa	atgaggaagc	gtcctgagtg	gggagctggc	tacattcctc	2700
cttttccctg	agaaatcttt	ccatgatggg	aggcctctcg	gctgctatag	cagaaaacca	2760
ttcagccctc	tcagctctgt	gtgtacctga	gaatacatgt	atctcccttg	tttttgttta	2820
aaaaataatc	caaactttcc	aggaagggtac	ttcattattc	cacaggcttg	cagagttagt	2880
gagtaacaaa	gaatcactta	aataaatgga	aaaagccaca	ctaagaactc	tgaacaaaaa	2940
tatcaggaaa	ggtccagtga	aaatgatcat	gaaatcttaa	ctgttattat	tacacttttc	3000
acatgacatc	aaaccttagt	gttgatgttt	ttggacttct	tttaaataga	agttttaaaa	3060
ataaatgttc	acctgctgcc	aaaagcggaa	ataaatatcc	aaaggagatg	tttatctaag	3120
tctgcttttc	tacaaatttc	tacgtacagt	gacctgggtcc	aattcttctg	tgcacactgg	3180
ggctggtgac	agaggagcca	tatgacagag	gaagaaagag	gtgccgggtg	gtcctgccac	3240
ccggggctca	gagacacgga	gcccaggcag	ctccctgagt	ggccgggtgca	gtcatctgca	3300
ttcgcccgcg	tgtctccgct	ggtcccagcc	tgcacgtgaa	gagatgcaaa	gtgaaaaagg	3360
aattcaagga	caacgtgggg	cttcttccca	ttcaaggag	cgcagggata	ggtggttgag	3420
atggctgctg	ggggccgcac	agaatggtgg	gtgctcccag	tgtgtcttgc	cagtcagcgg	3480
cactgggggtc	cctaccagcg	gggccacaca	cacaaaggga	ggccccggca	ctgactcagt	3540
cctcagcggt	gcccacaggc	tcagcacatg	cagcctcttc	gcccacgggc	tctgtgcagg	3600
cggcagccgg	cgtggacagc	gggggcatgc	cgggtgaggct	gcggaggctg	tgggggtcaa	3660
ctgggggggac	aagggtcagg	gaaatggtgg	gctgccgggc	agggacgagg	ctggggggaca	3720
ggctggctgt	ctccacggct	gcgtccctgg	ccacgttctt	gctgggctta	gagtcctgctt	3780
ccgttttcggt	gacgattacc	aactggtcag	gaagggtgag	cttaggcagt	tctggactca	3840
tgggggcatc	tgaattgact	gtgctgagag	tgcctgggca	gctgccgttc	ggagcactaa	3900
accagtggtc	gcccatgact	gtcggcctcc	gacaggctga	acactcgtcg	gcgtcctttc	3960
ctgccactcc	tgactgctgg	actctgggct	gtggaggggg	tggaggacga	gctggtgcct	4020
ccagagtcgc	agtggctggt	gctcccgtcg	ccgtgggggc	tcccgtgggc	ggagggtggg	4080
gactgtgagg	acagggacgg	ggagctgtgc	tcgtttatgc	actggggccac	ggcgaagcct	4140
ggcaccttgt	ccaccgatgc	aaacacggag	cgtgtcactg	tggggtcgct	gctgcccccg	4200
cgcccctggt	cgtagaagcg	gaaaggcagg	tgtgtgagtg	aggtggagga	gccgagttcca	4260
aaccccgagg	cttcagtggg	gggctggatt	gggaggtcca	ggagggcagc	tattctctgc	4320
atcttcatgc	gccttgctcg	gatgcggcct	ttggccaggc	gctgcttggc	gatgatgcag	4380
cggatgtggt	ctgagaagat	gaagggtggc	tggaggatgg	ggaagggtct	ggaatggggg	4440
ctggacgcag	gcttgtggat	ggtgatgttc	agggcacggc	tgtcgtcctc	cacgccagtc	4500

```

acctgcatgt cctgcaatag gcttgcaaac ttgaccactc cccagccaag cctggacaca 4560
tcaggctcca ccaaactcat ctggtaaata tccacagcca gggatcgctg gaccatgccg 4620
ccatccttgg tgatcactgt acatgcaatc aagtcgctgt tattcagatc caggacatca 4680
tcagtcttga tcaggtcctc ctcccaggtc agcggcaact gtgtctcagg ctcccctcgc 4740
aattgcagtg acagggaaacg cagcatgaag aacacccgga tggcccgcg ggtcttctcc 4800
acatcgccac acggcagccg cttcacgaag tcaatgcccg tcagtggcgt gcctgttggg 4860
ggcagcagga tggaggcgct catcatgaga tattccacgt tcatgggctt cattgtcatg 4920
ctcctatact catcttcaaa catgtccaaa aaaatgtctt ctcccttata aaaatgtcgt 4980
acaaggtgaa cactttcttc tctcgacccc tccaggcagg ccagggtgcac gtccttcatg 5040
atgcagccag cactcatcag gacttgctgc ttcagaagca ggcagctcag ctccagcgctc 5100
gccagccgga tcttcccatc tggctgggca gcgttggtca tgatcctgat gagtctttca 5160
gctagcgggt ggttgtaggt ggtcttctcg gccgcatthg gcacggggag ctggattcgc 5220
tctaattttt caggatccat gcctttatta tgagacatgg catagaggag gcagagcacg 5280
aacagggcat ggtaatcatc atccgggctg tccagcgctt ggtacaccat atccaggaag 5340
ggtctgctcc attgcgtgct ctacagagcag gtggcgcggt cgcttttctc ctcgctcggtg 5400
gtgttctgct cctgcacgga ggtgctggcg gccagctctg agagcttgct acgctccatg 5460
atcaccatct cgatctcttc actctcccca ctcgcttga tgcttttga accaccctct 5520
gtacctttag ccttctcggc gtcttcttgg gcatcctcgg tgggcccttt ctctcatct 5580
tcttcttccc caacgttttt gtagttgggt ctcttttgca cccgcctctt gcccttgtgc 5640
ttgttcatct caagggaccg ctcgagtgtc tcggtgggtt taatgaagca ccgaatgctg 5700
ggcttggcag aacttctctg aatatcctgt tcagtcttag cgtacatctc agacagatca 5760
ccattcagaa tgacttcagc taacgagttc accagcggtg catgatgtat aattaagaag 5820
acctgtgaca gaagataaag agacaccggc aggctaattt tcggccgttc tctcccttg 5880
tcttggttct ccagtgaagta cacgtagagg ggcaggaaga gcctgttgag cagggtgtca 5940
gtgagcacat cgttgaggaa ctacagttg atgatcagga tgtcattgag atagtgcagg 6000
tggcttaggt gctctgccac cagatcactc agtttacccc gattccgatg ctctcatca 6060
gtctgcacgc agtcatcgag ttcatcaca tggctcccaa tgaaccagac caaattggag 6120
aagtaaggaa cagcagtttt atctcggatg tagtgacgca tggcctggtt atccaatgac 6180
actttataga cattcaaagt tatggttctt acagcaattc taaccatgct ttcagggtgg 6240
ttgaaaaact ttagtgcttc tgtgtacagg gcaaagtcat tgggtgtgctc attataaaag 6300
aaatggacag tgtggttgtt gagttttaac gaaagtgttt tcaggaacga tatataatag 6360
gccataatct cctcatcaga aaagtcaaat ttatgaacga tgatagaatt tacgtagtta 6420
tttgagagca aataataaag tgaggctctg tgactgatgt tctcaaagag gatgttcaag 6480
gtctgcagca gctgaacgca cacgtaacgg cccgactttt gccgcaagat gttcaagaag 6540
aaaacaaaca tattcttctc caggaagaag tcaaatacag agctgtcatt ttgatctccc 6600
cagatcagga tctcagtgt ggaacggatg gtctccacta gcagggttccg gttctgttct 6660
gtgactgtgg tgtttttgg caaaacgtgg tacagatact tgagggtggtc caaggagtgg 6720
atgttgcggg aagtcttgcc atggccccc cccaccagc tccgcgagcg gccaaacatg 6780
tcggcgggccc cgaccctct ctcgctctac ggtctcatgc cggaccagca gagcggccca 6840
gcgcccgcgg cggtagcaca agcggaggat gcggcggcgg aggcggtgga ggaaccgcga 6900
gccgcacgaa a 6911

```

<210> 7352

<211> 1624

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1275)...(449)

<223> similar to gi309074 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7352
ttcattttata ttctagcacc aaaatacata gattaattta tttctcattg ggactgcaac 60
ataaaacaagt ataattccat ggtcaaggag ttacaaatag tagcaagccc agtaaccttg 120
agcatatcta taaggcaaat aaaacaaata tttctttcat agtgtgggca tccaacttta 180
gataatctgg aaaaaaatca ctctagcccc tgaataccat gatgtgcatg atgtgcaaaa 240
tgaaagtatc acccaaaaata ttttcaaagc taaaaagaaa atattttaaat tcaaataactt 300
taaccaaatt ggaaatgcaa acagtacact tagagtcacat cttagccagc tgttctccaa 360
acaaaagatc gagaaacaaa accaagaaca aagacaatgt aaaaaagaaa aggtttatct 420
agaaaaactg gaagctcatc aaagtcacat ttcttcttct gattcttggt ctcgttcagc 480
atttttcaga agtccaactt ctgaggagca gagcctctta agtctagatt taaccaacca 540
ggtaatgaaa gcataattca ttccaacgat gacaatggtt actgcataat gccacaacaaa 600
gcatatggtg agaaacaaaa tattttcatg atccatcaga tcccatgcag gacctccact 660
gggggggatac aggacaaatc caatctgaaa gaaccagctc ccctgaagca gaatgagact 720
tgaccgcaat agctccagaa gtacattggt ccgaacaagg aactctagga aggcaacgag 780
gcctgtcaga aagacgacca aaaccagcag ctggtgcaca aagatgtcca gcatttccc 840
gccatgagtg tggtttaga agataaaggc ctccacaaat aaggcatttg acaacattaa 900
cttggttaag gacacaggaa gtgaactgat ggtgaaacat aagatatctg ccacacccaa 960
cagcccaaaag aagaaataca tggtgaaatg atgccagccc aggagttgat tccagtgacc 1020
ttgtttatag tcatataaca tcagatgggg ccctccagga ataaactgct cccagccat 1080
gccagttaaa gccatgccaa ctattgtaat tccctccaaa atttccaatc gatagaataa 1140
tgttttggaa ccaagatagc aggttcgctt ttgctttttg cagatatact tcagaatact 1200
ctttgtacac caccaaagac caataataaa aaagaagggt ccagggaggg catgacctct 1260
gaaattcccc atgatccaac ttggtctggt tactcaacac tttatttttc ccactttgcc 1320
agcttaaaat cagacagcgg ctgggctttt gttgttgctg tttctgttct tttgatccca 1380
gagcccatg aaaattaaac cgtgtgttg atgggatctg gccacgtctc gcattgggtg 1440
gggggggggg aatttttaaa cttgggtccc tagtcgcttc tttgggaaaa cgaataaata 1500
ataagtggcg agaaggagag gacgtggggg acgtgctcgg ctgacgtcgg cccgcgagga 1560
ggtcgcacag ctgtccagat gtgcttcacat tgttaccccc gcggggcact ggctcggcgg 1620
ccgc 1624

```

```

<210> 7353
<211> 2520
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1163)...(1244)
<223> similar to gi667000 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7353
aattgtttta tttattttatt gagacaggat ctcaagttatc caggccggag tacagtggca 60
caatcatagc tcactacagc ctgaaattcc tgggtctcaag caatcctccc acctcagcct 120
tcctagtagc tgggatcaca gataagagcc actgcacttg gcccaaaaac atattttaaaa 180
tgtaataact ttagattggt ttcaagtcac ttatagggaa taatggaacg tatttatacc 240
agagtattaa caatgtagaa ggacccttga aacgaagcca aaaagatagg agctgtggca 300

```

<210> 6376
 <211> 3884
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (548)...(3887)
 <223> similar to gi3882149 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6376

cacggaaaaa	gatgaaaaaa	cagctcacia	cttgagaaac	gtactgatac	atttctggga	60
aagactgtca	gagatctgtg	ttgcgaaaat	cagtgaacca	gaagctgatg	ttgagtccgt	120
tttgggtgta	tctaacctat	tacaggtgct	tcagaagccg	aagggtctcat	tgaagtcaag	180
taaaaaaaaa	aatggtaagg	ttagatttgc	tgatgagata	cttgaaagca	ataaagagaa	240
tgaaaaatgt	gtatcttcag	aaggagagaa	gattgaatgc	tgggaattaa	caactgaacc	300
ttctctcact	cataattctt	caggcctttt	gtctcctcta	aggaaaaaac	ctttggaaga	360
cttagtctgt	aaactcgcag	atataagtat	taattatgtc	aatgaacgaa	agtcagagca	420
acatctaagg	tttcttttcta	ctctgcttga	ctccttttct	tcaagccgag	tatttaaaat	480
gctacttggg	gatgaaaaac	agagtattgt	ccaagccaaa	cctcttgaaa	tagccaagct	540
tgtacaaaaa	aatcctgctg	tgacgttttt	ataccagaaa	ctgatagggt	ggctaaatga	600
agatcaaagg	aaggattttg	gtttcctggt	ggacattttg	tacagtgtct	tccggtgctg	660
tgacaatgat	atggaaagaa	aaaaagtctt	ggatgatcta	accaaggtgg	acttgaaatg	720
gaattctctt	cttaagatta	ttgaaaaggc	atgtcctagt	tcagataaac	atgctttagt	780
aactccttgg	ctcaaaggcg	atatccttgg	tgagaaattg	gtcaacttgg	cagattgtct	840
ttgtaatgag	gacttggaat	ccagggtatc	ttcagaatct	cacttctcag	aaagatggac	900
tcttctaagc	ttggtattat	cccaacatgt	taaaaatgat	tacttgattg	gagacgtata	960
tgttgaaaga	atcattgtta	gacttcatga	aactttattc	aaaacaaaga	aattatcaga	1020
agctgaaagc	agtgactcat	cagtgtcttt	tatctgtgat	gtggcctata	actatttcag	1080
ctcagcgaaa	ggatgcttgc	taatgccatc	atctgaagat	ttattattaa	ctctctttca	1140
gttatgtgct	cagagcaaag	aaaaaacaca	tttgccagat	tttcttatct	gtaaactgaa	1200
aaatacttgg	ctctctggtg	taaatttatt	ggttcatcaa	actgacagtt	catataaaga	1260
gagtaccttc	ctacatttgt	ctgctctgtg	gctgaagaac	caagttcagg	cttcatcttt	1320
ggatatcaac	agtctccaag	tctcttctgc	tgctgttgat	gatttgctaa	atacacttct	1380
agagagtga	gattcttatc	ttatgggagt	ttatattgga	agtgtaatgc	cgaacgacag	1440
tgaatgggaa	aagatgaggc	agtctcttcc	tatgcagtgg	ttacatagac	ctctttttaga	1500
gggaagattg	agtttgaatt	atgaatgttt	caaaacagat	tttaaggaac	aggacataaa	1560
gacacttccc	agccatttgt	gtacttcagc	attattgagc	aaaatggctc	taattgcaact	1620
gagaaaggaa	acagtcttag	aaaataatga	gcttgagaaa	ataattgcag	aactgcttta	1680
ttcactgcag	tggtgtgaag	aattagataa	cccacctatt	tttctaattg	gattttgtga	1740
aatacttcaa	aaaatgaata	ttacgtatga	taacttacgt	gtacttggtg	atatgtcggg	1800
ccttttgcag	ctgttattta	acaggtccag	agaacatggc	acactgtggt	ctcttattat	1860
tgctaagttg	atcctttccc	gaagcatttc	atctgatgaa	gtaaaaccac	attataagag	1920
aaaagaaagt	ttttttccac	taactgaagg	caatttgcac	accattcaaa	gtctatgtcc	1980
atttttgtca	aaagaagaaa	agaaagaatt	tagtgctcaa	tgtataacctg	ctcttttggg	2040
ctggactaag	aaagatcttt	gcagcactaa	tggagggttt	ggacatcttg	ccattttcaa	2100
ttcttgtctg	caaaccaaaa	gtatagatga	tggagagcta	ttacatggaa	tattaaaaat	2160
cataatatcc	tgggaagaaag	agcatgaaga	tatttttctt	ttcagttgta	atctatcaga	2220
agcaagtcca	gaggtagctg	gtgtaaatat	agaaataatc	cggtttcttt	ccctgtttct	2280
gaaatactgc	tcatccccct	tggcagagag	tgagtgggac	ttcatcatgt	gctccatggt	2340
ggcttggttg	gagacaacaa	gtgagaatca	ggcattgtat	tctattccac	ttgtgcaact	2400
gtttgcctgt	gtcagctgtg	atttggcctg	tgacctcagt	gctttctttg	attccacaac	2460

09483725.012400

tctggatacc	attggcaatc	ttcctgtaaa	tctaatacagt	gaatggaaaag	aattttttttc	2520
ccaaggcatc	cacagtttgc	ttttacctat	tttgggtgact	gttacaggag	aaaacaaaaga	2580
tgtgtctgaa	acatcctttc	agaatgcaat	gctgaaaccc	atgtgtgaaa	cattaacgta	2640
tatctcaaag	gaacagctat	tgagtcacaa	acttcctgca	agattagtgtg	ctgaccaaaa	2700
aacaaactta	ccagaatatc	tccagacttt	gttaaataca	ttggcccccat	tactcctcctt	2760
cagagctagg	cctgtgcaaa	ttgctgttta	tcatatgcta	tacaaattga	tgcttgaatt	2820
accacagtat	gatcaggata	atctaaaagtc	atacggagat	gaagaagaag	agccagcctt	2880
gtcaccacca	gcagcactga	tgtctcttct	tagcattcaa	gaggacttac	tagaaaaatgt	2940
tttgggggtg	attcctgttg	gacagatagt	tactattaaa	ccactgagtg	aagacttctg	3000
ttatgttctg	ggataccttc	tcacttggaa	attaatacta	actttcttca	aagctgcatc	3060
atcacagctt	cgggctttgt	attccatgta	tcttcggaaa	acaaaagagtt	tgaataaaatt	3120
gctctatcac	ctgttcaggc	ttatgccaga	aaatccaacc	tatgcagaga	cagcagttga	3180
ggtcccaa	aaggaacccta	aaacattcct	tactgaggag	ctccagctga	gtattagaga	3240
aacaacaatg	cttccatacc	acattccaca	cttggcttgt	tcagtctatc	atatgacatt	3300
aaaagacttg	cctgccatgg	ttagggttgtg	gtggaatagc	agtgagaagc	gtgttttcaa	3360
tattgtggat	agattttacaa	gcaagtatgt	cagcagtggt	ctttcttttc	aagaaatatac	3420
ttctgtacaa	acaagtacac	aactatttta	tggcatgacg	gttaaagctc	gagctactac	3480
tcgagaggta	atggctactt	atactattga	ggacatagtt	attgaaactta	taatacaact	3540
gccttcaaat	tatccactgg	gttcaataat	agtagaaaagt	gggaaaagag	taggagtagc	3600
tggttcagcag	tggcggaact	ggatgctgca	gttaagcact	tacctcacc	atcagaatgg	3660
aagtattatg	gaaggcttag	ctttatggaa	aaataacgta	gacaaacgtt	ttgaggggtgt	3720
tgaagattgc	atgatctgtt	tctcagtcac	tcacggtttc	aactattccc	ttcccaaaaa	3780
agcctgtaga	acatgcaaga	aaaaattcca	ttcagcctg	cttgtacaaa	tggtttacat	3840
ctagcaacaa	atccacttgt	tcactgtgtc	gtgagacggt	tttc		3884

<210> 6377

<211> 2490

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(1481)

<223> similar to gi3647275 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6377

ggcccacgga	gcccaccatg	ccgcgcccgg	ccccgcgcg	ccgcctccc	ggactcctcc	60
tgctgtctctg	gccgctgctg	ctgctgccct	ccgcgcgcc	cgaccccgtg	gcccgcgccg	120
gcttccggag	gctggagacc	cgaggtccc	ggggcagccc	tggacgcgc	ccctctcctg	180
cggctcccga	cggcgcgccc	gcttccggga	ccagcgagcc	tggccgcgcc	cgcggtgcag	240
gtgtttgcaa	gagcagaccc	ttggacctgg	tgtttatcat	tgatagttct	cgtagcgtac	300
ggcccctgga	attcaccaaa	gtgaaaactt	ttgtctccc	gataatcgac	actctggaca	360
ttgggccagc	cgacacgcgg	gtggcagtg	tgaactatgc	tagcactgtg	aagatcgagt	420
tccaactcca	ggcctacaca	gataagcagt	ccctgaagca	ggctgtgggt	cgaatcacac	480
ccttgtcaac	aggcaccatg	tcaggcctag	ccatccagac	agcaatggac	gaagccttca	540
cagtggaggc	aggggctcga	gagccctctt	ctaacatccc	taaggtggcc	atcattgtta	600
cagatgggag	gccccaggac	caggtgaatg	aagtggcggc	tcgggcccga	gcatctggta	660
ttgagctcta	tgctgtgggc	gtggaccggg	cagacatggc	gtccctcaag	atgatggcca	720
gtgagcccct	agaggagcat	gttttctacg	tggagaccta	tggggtcatt	gagaaacttt	780

```

cctcttagat tccaggaaac cttctgtgcg ctggaccctt gtgtgcttgg aacacaccga 840
gtgccagcac gtctgcatca gtgatgggga aggcaagcac cactgtgagt gtagccaagg 900
atacaccttg aatgccgaca agaaaacgtg ttcagctctt gatagggtgtg ctcttaacac 960
ccacggatgt gagcacatct gtgtgaatga cagaagtggc tcttatcatt gtgagtgtga 1020
tgaaggttat accttgaatg aagacaggaa aacttggtca gctcaagata aatgtgcttt 1080
gggtacccat ggggtgtcagc acatttgtgt gaatgacaga acaggggtccc atcattgtga 1140
atgctatgag ggctacactc tgaatgcaga taaaaaaaca tggtcagtcg gtgacaagtgt 1200
tgccctaggc tctcatgggt gccagcacat ttgtgtgagt gatggggccg catcctacca 1260
ctgtgattgc tatcctggct acaccttaaa tgaggacaag aaaacatggt cagccactga 1320
ggaagcacga agacttggtt ccactgaaga tgcttggtga tgtgaagcta cactggcatt 1380
ccaggacaag gtcagctcgt atcttcaaag actgaacact aaacttgatg acatttttga 1440
gaagttgaaa ataaatgaat atggacaaat acatcgtaa attgctcaa tttctcacct 1500
gaaaatgtgg acagcttggt gtacttaata ctcatgcatt cttttgcaca cctgttattg 1560
ccaatgttcc tgctaataat ttgccattat ctgtattaat gcttgaatat tactggataa 1620
attgtatgaa gatcttctgc agaatcagca tgattcttcc aaggaaatac atatgcagat 1680
acttattaag agcaaaactt agtgtctcta agttatgact gtgaaatgat tggtaggaaa 1740
tagaatgaaa agtttagtgt ttctttatct actaattgag ccatttaatt tttaaatggt 1800
tatattagat aaccatattc acaatggaaa ctttaggtct agtttctttt gatagtattt 1860
ataatataaa tcaatcttat tactgagagt gcaaattgta caaggtattt acacatacaa 1920
cttcatataa ctgagatgaa tgtaattttg aactgtttaa cactttttgt tttttgctta 1980
ttttgttgga gtattattga agatgtgatc aatagattgt aatacacata tctaaaaata 2040
gttaacacag atcaagtga cttacatttg ccatttttaa ttattcttgg tctttgaaag 2100
aaatgtacta cttaaagggc ctagttgtga aatttagggg gttaaacttt ttaccaagta 2160
ccaaaatccc caaattcact ttattatttt gcttcaggat ccaagtgaca aagttatata 2220
tttataaaat tgccataaat tcgccaaaaa tctaattgtt tctttttaat gttagtgtac 2280
cacctgcctc agcctcccaa agtgctggga ttacaggctt gaaagtctaa ctttttttta 2340
cttatatatt tgatacatat aattcttttg gctttgaaac ttgcaacttt gagaacaaaa 2400
cagtccttta aattttgcac tgctcaattc tgtttttctg ttgcattgtc tttaatataa 2460
taaaagttat tacctttaca taaaaaaaaa 2490

```

```

<210> 6378
<211> 2375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1155)
<223> similar to gil815637 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6378
gggccatggg gctggggccg gtccctgctgt ttctggccgt cgccttccct tttgcacccc 60
cggcagccgc cgctgagccc cacagtcttc gttacaacct catggtgctg tcccaggatg 120
gatctgtgca gtcagggttt ctgctgagg gacatctgga tggtcagccc ttctgctgct 180
atgacaggca gaaacgcagg gcaaagcccc agggacagtg ggcagaagat gtccctgggag 240
ctaagacctg ggacacagag accgaggact tgacagagaa tgggcaagac ctcaggagga 300
ccctgactca tatcaaggac cagaaaggag gcttgcattc cctccaggag attaggggtc 360
gtgagatcca tgaagacagc agcaccaggg gctcccggca tttctactac gatggggagc 420
tcttctctc ccaaaacctg gagactcaag aatcgacagt gccccagtc tccagagctc 480

```

007270 53298460

```

agaccttggc tatgaacgtc acaaatttct ggaaggaaga tgccatgaag accaagacac 540
actatcgcgc tatgcaggca gactgcctgc agaaactaca gcgatatctg aaatccgggg 600
tggccatcag gagaacagtg ccccccatgg tgaatgtcat ctgcagcgag gtctcagagg 660
gcaacatcac cgtgacatgc agggcttcca gcttctatcc ccggaatatc acactgacct 720
ggcgtcagga tgggggtatct ttgagccaca acacccagca gtgggggggat gtctgcctg 780
atgggaatgg aacctaccag acctgggtgg ccaccaggat tcgccaagga gaggagcaga 840
ggttcacctg ctacatggaa cacagcggga atcacggcac tcaccctgtg ccctctggga 900
aggcgctggt gcttcagagt caacggacag actttccata tgtttctgct gctatgccat 960
gttttgttat tattattatt ctctgtgtcc cttgttgcaa gaagaaaaca tcagcggcag 1020
aggggtccaga gcttgtgagc ctgcagggtcc tggatcaaca ccagttggg acaggagacc 1080
acagggatgc agcacagctg ggcatttcag cctctgatgt cagctactgg gtccactggt 1140
tccactgagg gcacctagac tctacagcca ggcggccagg attcaactcc ctgcctggat 1200
ctcaccagca ctttccctct gtttcctgac ctatgaaaca gagaaaataa catcacttat 1260
ttattgttgt tggatgctgc aaagtgttag taggtatgag gtgtttgctg ctctgccacg 1320
tagagagcca gcaaagggat catgaccaac tcaacattcc attggaggct atatgatcaa 1380
acagcaaatt gtttatcatg aatgcaggat gtgggcaaac tcacgactgc tcctgccaac 1440
agaaggtttg ctgaggcat tcaactccatg gtgctcattg gagttatcta ctgggtcatc 1500
tagagcctat tgtttgagga atgcagtctt acaagcctac tctggacca gcagctgact 1560
ccttcttcca cccctcttct tgctatctcc tataccaata aatacgaagg gctgtggaag 1620
atcagagccc ttgttcacga gaagcaagaa gccccctgac cccttgttcc aaatatactc 1680
ttttgtcttt ctctttattc ccacgttcgc cctttgttca gtccaatata gggttgtggg 1740
gcccttaaca gtgccatatt aattggtatc attatttctg ttgtttttgt ttttgttttt 1800
gtttttgttt ttgagacaga gtctcactct gtcacccagg ctgcagttca ctggtgtgat 1860
ctcagctcac tgcaacctct gcctcccagg ttcaagcact tctcgtaacct cagactcccg 1920
aatagctggg attacagaca ggcaccacca caccagcta atttttgtat tttttgtaga 1980
gacggggttt cgccaagttg accagccag tttcaaactc ctgacctcag gtgatctgcc 2040
tgcttggca tcccaaagtg ctgggattac aagaatgagc caccgtgcct ggccattttt 2100
attatattgt aatatatttt attatattag ccaccatgcc tgtcctattt tcttatgttt 2160
taatatattt taatatatta catgtgcagt aattagatta tcatgggtga actttatgag 2220
tgagtatctt ggtgatgact cccctgacc agcccaggac cagctttctt gtcaccttga 2280
gggtccctcg ccccgtcaca ccgttatgca ttactctgtg tctactatta tgtgtgcata 2340
atttataccg taaatgttta ctctttaaat agaaa 2375

```

<210> 6379
 <211> 1446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1447)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1127)...(253)
 <223> similar to gi4101574 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6379

```

tttttttttt ttccatgccc atcaggggttt attgtttctg taacagcggc cacgccctgg      60
ggcgggtggc tgtgcagctg gagatctctc agcaccttgg gttgggggcg gggctgggcg      120
ggacatggga tggaggcggg gcctgtggcc agacaggggtg gaccttgggg cctgcaggca      180
ggagatgagt tcggcggcca cagtggcccc cagcagcagc agcagcagcg ggaggttcag      240
cgggcgcgct caccgcacca ggtggaaggt gagccagtac atgagcatag gctgcgccgc      300
cgccaccgcc atggtcaggt acatgcgcag ctggttccgg gccccacgca ccgggacccc      360
ctcagctgct gcgtctgcca agatcttcag ccgcagcgtc cggatcatga acacaaagat      420
ggctacgcag caccagccca gcaccaggta gtagccaatc ttcccgaaga gcaggcccat      480
gaggaccccc ccaatcatcc cgacatatct gtagcccaag aaggccacca ggtcgtatggt      540
ggtgaggtcg gtgttgacag tgaccagata gaggctgagc aggatggcca gcacctccag      600
ggtcagccag gccagggtcg agctcgcttg cagccccagg aggtctgggg agaacctatc      660
ctgggtcccc agcgcaagac cagccaccaa aacgtagggtg atgaaagcca ttgctggaat      720
gtagaggtcc ggggcattga cgtcaaagcg gggggccacc ggggtgtcct gttggtactg      780
cacttcccag tcctggtgta ggtaggggaa gaacagcagg ccagctttc tgccacata      840
catggtgtcc acagcaaagt aatacttgag cttggtgatg gggatgaagc ggtcgtatgt      900
cttatccacc agctccttgc cctgcgcggc caggctgctc ccataggcca tggccatgtt      960
ggacaccggg tcagccagga aggctgcatg gggcgtggga gaggctgcag gataactcag     1020
gccaccaggt gcccgtctgg ccccatagcc ccggtctctg gctgaacttg tgtcatcgaa     1080
aagctggtgg gggtcggcca tgcccggctg ggacacaggg atcctccgct tcgaggctgc     1140
aagggaagag agtgagaagg agctggggac ccaggatagg taaggagagc ctggcgaacc     1200
tcattcatcc cacagctctg cctcctgctg cagaggaggg tgggtgtcacc attagagaca     1260
ctggctttga tgtcagatgg actggcaggt gcaagctctg ccattcatcc accaaccac      1320
ccatctagcc aactatccat ccaactgatac attcatctat gcatccattc atctaccac      1380
ccatccatcc cccganttcc nccgncctgt gctaagntcn gcagcnggga ttcattgggn      1440
gccgcc

```

<210> 6380

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(973)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (451)...(600)

<223> similar to gi3204434 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6380

```

gtgtgtgggg aggggtgata tggagaagga gcccgaagaa aggatcagaa cggagaccac      60
tgccacctga tgtttcctgc aggggctgca ctgtgtctct ggctgaggtc aactgacac      120
ctggtgtgca ctggtcactc gcagtcttaa atctagtagg gccgaaagta ctagaaggag      180
gttgtccaga gaggtctgcc ctcaaaatgc tcctgaaaga tgcttgctta tgcttttctt      240
taaaaattat ttctggggaa gggcggggag tggtcacagg atcttatatt ctctttatct      300
ttacttaatt tgcatgttat ttttagaact ccccttttta agggtcacat tttgcctcag      360
aaaaccctgt ctgaatgtct cctgtttgtc ggtcaggact gactctgcct tttctttcct      420

```


09-08-2017

<211> 791

<212> DNA

<213> Homo sapiens

<221> misc feature

$$\langle 222 \rangle \quad (785) \dots (412)$$

```
<223> similar to gi4062533 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 6381

cggtgg gggcaagcga caaaccgcat cgtcccagct atcgcgtgat gaaatatcta 60

accagg ggtatcacgt cattccggtt tcgccaaaag ttgccggcaa aacgctgctg 120

agaagg ggtatggcac gctggcagac gttccgqaaa aaqtcqatat ggtcquatgtt 180

gttaatt caaaagcggc gtggggcggtg gcacaggaag ctattgccat tggcgcgaaa 240

ctgga tgcaactggg ggtgattaat gagcaagcgg cagtactggc acgggatgcc 300

caaatg tggatgatgga tcgctgcccg gctattgaga tccctcgcct gggcctggcc 360

aaaaaa tccccggaag gcaaaaacct tccggggatt tggtcaggga ttagttacgc 420

gcgggg cctggagttg tttgcggatg gtctgcgcca gctcatccat ggatggctgt 480

ggatgt tcatcctgca attcgctact tagctgggct tcagccaggt aggtatgaac 540

aggccg ttatcgtcct ccatactac gtgataccac ggagcggcgc gaagctcgtc 600

accgcc agctcatcag gcgacgggtc agagagcgaa taaaccgggt cgatatccac 660

atcccg agataaccta acaggggaatg gcgggacctgc tggcccgatac cgaatttgct	720
ctctata ctccctctctg ccgacacacacg cctctctctctg cctctctctctg	730

Atcaca gtcacccccc gggaaatctt tacctttgat ataagggtaa aattccacat 780
ggtttt a 781

791

<211> 1818

<212> DNA

<213> Homo sapiens

<221> misc feature

$$\langle 222 \rangle \quad (52) \dots (1708)$$

<223> similar to gil006659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6382

tgcattcgaa	ttcggcacga	gggggaagat	ggcggactcg	gtggctagcc	gatgaggagg	60
ccgcgggggg	aacccggccc	ccgggccccg	agaccgactg	agggagcgac	ctgcgcaggg	120
cccggggagt	catggtctcc	atcacccaac	tccatgcttc	gagtcctgct	ctctgctcag	180
acctcccctg	ctcggctgtc	tggcctgctg	ctgatccctc	cagtacagcc	ctgctgtttg	240
gggcccagca	aatgggggga	ccggcctggt	ggaggaggcc	ccagtgcagg	tcctgtgcaa	300
ggactgcagc	ggcttctgga	acaggcgaag	agccctgggg	agctgctgcg	ctggctgggc	360
cagaacccca	gcaaggtgcg	cgcccaccac	tactcggtgg	cgcttcgtcg	tctgggccag	420
ctcttggggt	ctcggccaag	gccccctcct	gtggagcagg	tcacactgca	ggacttgagt	480
cagctcatca	tccgaaactg	cccctccttt	gacattcaca	ccatccacgt	gtgtctgcac	540
cttgagctct	tacttggttt	tccatctgat	ggtcccctgg	tgtgtgccct	ggaacaggag	600
cgaaggctcc	gcctccctcc	gaagccacct	ccccctttgc	agcccccttct	ccgaggtggg	660
caagggttgg	aagctgctct	aagctgcccc	cgttttctgc	ggtatccacg	gcagcatctg	720
atcagcagcc	tggcagaggc	aaggccagag	gaactgactc	cccacgtgat	ggtgctcctg	780
gcccagcacc	tggcccggca	ccggttgccg	gagccccagc	ttctggaagc	cattgcccac	840
ttcctggtgg	ttcaggaaac	gcaactcagc	agcaaggtgg	tacagaagtt	ggtcctgccc	900
tttgggcgac	tgaactacct	gccccctgga	cagcagttta	tgccctgcct	tgagaggatc	960
ctggctcggg	aagcaggggt	ggcaccctctg	gctacagtca	acatcttgat	gtcactgtgc	1020
caactgcggt	gcctgcccct	cagagccctg	cactttgttt	tttcccctgg	cttcatcaac	1080
tacatcagtg	gcacccctca	tgctctgatt	gtgcgtcgct	acctctccct	gctggacacg	1140
gccgtggagc	tggagctccc	aggataccgg	ggtccccgcc	ttccccgaag	gcagcaagtg	1200
cccatctttc	cccagcctct	catcacccgac	cgtgcccgtc	gcaagtacag	tcacaaggac	1260
atagtagctg	aggggttgcg	ccagctgctg	ggggaggaga	aataccgcca	ggacctgact	1320
gtgcctccag	gctactgcac	agacttccctg	ctgtgcgcca	gcagctctgg	tgctgtgctt	1380
cccgtgagga	cccaggaccc	cttccctgcca	taccaccaa	gggtcctgcc	cacagggccc	1440
aggctgcctc	tagcgccact	actcgagacc	cttgcccaga	gggtggtgct	ggtgttgccg	1500
gaaacgcctg	gcatttcctg	ccgggacggc	ccgggtgctt	ctgggcttcg	agggggccctg	1560
agggagcggc	acctaggcct	gatgggctac	cagctcctgc	cgctaccctt	cgagggaactg	1620
gagtcccaga	gaggcctgcc	ccagctcaag	agctacctga	ggcagaagct	ccaggccctg	1680
ggcctgcgct	gggggcctga	agggggctga	ggggatgatg	tggggttcag	gatggccccc	1740
ccatgggggg	tggatgattt	gcactttggt	tccctgtgtt	ttgatttctc	attaaagttc	1800
ctttccttaa	aaaaaaaa					1818

<210> 6383

<211> 2601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(1996)

<223> similar to gi3114816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6383
cgtggggaat tcccacgacc cgtgacactc tgtggaccgc gagcacggag caggggtttct 60
acagctgctc cccactttct cggacccggt cctggacca gccccgact ccgacacggc 120
tccaccatgg aggaggcgga ccgaatcctc atccattcgc tgcgccaggc cggcacggca 180
gttctctcag atgtgcagac cttgcgcgcc ttcaccactg agctggttgt agaggctgtg 240
gtccgctgcc tgcgtgtgat caaccctgcg gtgggctctg gcctcagccc tctgctgcct 300
cttgccatgt ctgcccgggt ccgcctggcc atgagcctgg ctgaggcctg catggacctg 360
ggctatccct tggagcttgg ctatcagaac ttcctctacc ccagttagcc tgacctccga 420
gacctgcttc tcttcttggc tgagcgtctg cccaccgatg cctctgagga tgcagaccag 480
cctgcagggt actcagctat tctcctccgg gccattggga gccaaattcg ggaccagctg 540
gcactgcctt ggggtccgcc ccaccttcgc actcccaagc tgcagcacct ccagggtctg 600
ggcctccaga agcctttcca tgccagcagg ctggtcgtgc cagaattgag ttccagaggt 660
gagccacggg agttccaggc gagtccctg ctgcttccag tccctaccca ggtgcctcag 720
cctgttggaa ggggtggcctc gtcctcgaa cccatgccc tgcagctctg ccagcagacg 780
ggccgggacc ggccagggga tgaggactgg gtccaccgga catccgcct cccaccccag 840
gaggacacac gggtcagcg gcagcggtg caaaagcaac tgactgagca tctgcgcca 900
agctggggcc tgcctggggc cccatacaa gcccgggacc tgggagaact gctgcaggcc 960
tgggtgctg gggccaagac tgggtctcct aagggtccc gcttcacgca ctcagagaag 1020
ttcaccttcc atctggagcc ccaggcccag gccactcagg tgtcagatgt gccagccacc 1080
tcccgcgcc ctgaacaggt cagtgggca gctcaggaac aggagctcga gtcccttcgg 1140
gagcagctgg aaggagtga ccgcagcatt gaggagggtg aggccgacat gaagacctg 1200
ggcgtcagct ttgtgcaggc agagtctgag tgccggcaca gcaagctcag tacagcagag 1260
cgtgagcagg ccctgcgcct gaagagccgc gcggtggagc tgcgtcccga tgggactgcc 1320
aaccttgcca agctgcagct tgtggtggag aatagtccc agcggtcat ccacttggcg 1380
ggtcagtggg agaagcaccg ggtccactc ctgctgagt accgccacct ccgaaagctg 1440
caggattgca gagagctgga atcttctcga cggtggcag agatccaaga actgcaccag 1500
agtgtccggg cggtgcttg aagaggccc caggaaggag gaggctata aagcagcttg 1560
atgtcagagc tggagactct gccagagat gtgtcccggc tggcctacac ccagcgcac 1620
ctggagatcg tgggcaacat ccggaagcag aaggaagaga tcaccaagat cttgtctgat 1680
acgaaggagc ttcagaagga aatcaactcc ctatctggga agctggaccg gacgtttgcg 1740
gtgactgatg agcttgtgtt caaggatgcc aagaaggacg atgctgttcg gaaggcctat 1800
aagtatctag ctgctctgca cgagaactgc agccagctca tccagaccat cgaggacaca 1860
ggcaccatca tgcgggaggt tgcgagacct gagggagcaga tgcgagacaga gctgggcaag 1920
aagacctca gcaacctgga gaagatccgg gaggactacc gagccctccg ccaagagaaa 1980
ccgcttgcc tccttaggcc ggtcccggg aggccctgaa ggaaccgcc gcagaaggtc 2040
tctcccagc ctgagcgagg gatttgggg gctggaggca gtgggccaag cacatgccct 2100
agctacttcc tccgctgtcc agttcctcct gctgcggcct tggaccaga cccctgccc 2160
ctgaccgcaa ccttatatg ggtgatagt ccagcatgtg gggagctcg ctgcagttta 2220
ttggggacgg tactgtgggt tgggggcctt ggatccacaa ataatgagt cagttcctct 2280
gcagtctaag ctgagggcat gatcagggt cagggaatgg gagtgagggt agtggcaggg 2340
gagacacggg gtatttttgg caaggcagtg tgtgtggctg tgtgtgtctg cacgggactc 2400
aagagaccca ctggggggct gtgcgtgtgc atatgcgtga gatacacagg tgaattctaa 2460
caggccgtgt gtgtgagcga gcacgtgttg ggacctcaga tctgagggt actgacgctg 2520
cttctgtgta ggcctctggg cacaccctg tgttgacagt gccctgtgg gccctgaggc 2580
ttgctgtggg tgcgtgcctt g 2601

```

```

<210> 6384
<211> 1316
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (239)...(1181)
 <223> similar to gi4995956 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6384

```

cccacgcgtc cgcgctcgcc tccgggatct cgtgagatca cggccaacttc cgggagtcgg 60
aaaggaaagc tgtgggacca tcttggaac cccggtgttt ggctgggttc tagcgtagcc 120
gtctgtgtgg ccggtggggg acctgcggtc ggagtgggag ggccagtctg cacccaagag 180
gtggaagagg acgggcttta ggctggaagc gccttagagg agccattttt ccagcaggat 240
gcctgggtttg cttttatgtg aaccgacaga gctttacaac atcctgaatc aggccacaaa 300
actctccaga ttaacagacc ccaactatct ctgtttattg gatgtccgtt ccaaattgga 360
gtatgacgaa agccatgtga tcaactgccct tcgagtgaag aagaaaaata atgaatatct 420
tctcccggag tctgtggacc tggagtgtgt gaagtactgc gtggtgtatg ataacaacag 480
cagcaccctg gagatactct taaaagatga tgatgatgat tcagactctg atggtgatgg 540
caaagatctt gtgcctcaag cagccattga gtatggcagg atcctgaccc gcctcaccca 600
ccaccccgtc tacatcctga aagggggcta tgagcgcttc tcaggcacgt accactttct 660
ccggacccag aagatcatct ggatgcctca ggaactggat gcatttcagc catacccat 720
tgaaatcgtg ccagggaagg tcttcgttgg caatttcagt caagcctgtg accccaagat 780
tcagaaggac ttgaaaatca aagcccatgt caatgtctcc atggatacag ggcccttttt 840
tgccaggcga tgctgacaag cttctgcaca tccggataga agattccccg gaagcccaga 900
ttcttccctt cttacgccac atgtgtcact tcattgaaat tcaccatcac cttggctctg 960
tcattctgat cttttccacc cagggtatca gccgcagttg tgccgccatc atagcctacc 1020
tcatgcatag taacgagcag accttgacga ggtcctgggc ctatgtcaag aagtgcaaaa 1080
acaacatgtg tccaaatcgg ggattggtga gccagctgct ggaatgggag aagactatcc 1140
ttggagattc catcacaac atcatggatc cgctctactg atcttctccg agggccaccg 1200
aagggtactg aagagcctca cctgggggca ttttgtgggt ggagggccag agtgtgtata 1260
cccaggcttg tctggaagga gaaggccttt gctgcctgaa agtcgcaaaa aaaaaa 1316

```

<210> 6385

<211> 2136

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (100)...(997)

<223> similar to gi4406663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6385

```

gcggccgcgg agacctacct gcggcgctcg cagctgctgc tccgagatac cggggagacc 60
acgacgtgc ctcctgggag ccatgagttc ctgttcagct tccagctgcc cccgacctg 120
gtgacatcct tcgagggcaa acacggtagt gtccgctact gtatcaaggc caccctgcac 180
cggccctggg tcccagcacg ccgggcaagg aagggtgttca ctgtcatcga gcctgtggac 240
atcaacacgc cagccctgct ggcacctcaa gcgggggctc gggaaaaagt tgcccgatcc 300
tggtactgta accgtggcct agtctccctt tcggccaaga tcgaccgcaa gggctacacc 360
ccaggagagg tcatccctgt ctttgccgag atcgacaacg gctccacacg tcctgtgctg 420

```

cctcgggcag	ccgtggtgca	gacacagacg	ttcatggccc	gaggcgcccg	aaagcaggaa	480
acggg'gcagt	gtggccagcc	ttcgcgggcg	agccggtggg	ccccgggcag	gcgggcgctg	540
tggcagggcc	gggcactgcg	gatcccccca	gtgggtcctt	ccatcctgca	ctgccgcgtt	600
ctacacgtgg	actacgcact	caaggtctgt	gtggatatcc	caggaacgtc	caagctgctg	660
ctggagctgc	cactggtgat	cggcaccatt	cccttgcaac	cttttggcag	ccgttcctcc	720
agcgtgggca	gccacgccag	cttcctgctg	gactggaggc	tgggggcctt	gccggagcgg	780
cctgaggctc	ctcctgagta	ctcggagggtg	gtagccgaca	ctgaggaggc	agccttgggg	840
cagagcccct	tcccgcttcc	gcaggacccc	gacatgagcc	ttgaaggccc	gttcttcgcc	900
tacatccaag	agttccgcta	ccgcccgcga	cccctgtact	ctgaggagga	tccaaaccca	960
cccttggggg	acatgaggcc	gcgctgcatg	acttgctgaa	cggcacaggg	accctcgcag	1020
gaacaagggt	gcacaccagc	tttcagccac	catgactgtg	gggagtggct	ggaccaaggg	1080
ctgacctccc	cgactgcate	aaagttaggg	aaccaagtct	cagagtgagg	cgggggcctt	1140
tcgatatatc	catgggacag	aggaagagcc	cggctggaat	ctgacttata	tggaccgctg	1200
tccttgtgag	cgattgaaatg	cccgatgcag	tatccgagag	actgtttaat	aaactgtctt	1260
cccagccaat	tggtggtgct	ggaatcccct	aggagccttc	agtctggggag	aaacagagcc	1320
agacatagac	agttccagca	tcacagaacc	agaagaagag	acctgcaact	gtgagagtc	1380
agacaggaag	cagagaaggc	gtccttgccg	aaagggcatt	ttagctgagg	ctttggagta	1440
cgaataggag	ctcagcaggc	agacgaatga	ggaataaagg	tcagagaagg	tcagagctga	1500
gtgacgtttg	gaatccaccc	cgtttattgt	agaactgggg	gttcagaggg	caggtgcctc	1560
agagttgagg	ccacacagtg	aggctctggtg	ggtgaaagga	cccaggaacg	aggcgttcag	1620
gaaagcaggt	tgtcagagct	atgtggagtc	tgtgggtggc	aggggcagcc	gctccagcct	1680
ttgaagactt	tgaaagccag	agattcctgg	cgcaggcttg	gacttcctgg	gagctcctcc	1740
aagtacccag	gggcatcaga	gctgcctggg	tgttacatgg	cccagggaac	ccaggttcag	1800
ggtaggacag	gcaagaccag	atacccaatg	tgcaaagtga	aaacactggg	ctccctgtta	1860
aacgatgaag	aattcaagac	agtgcacaga	ttacgtcacc	cctggggaca	gaggtcagcc	1920
taaggtgaca	cacggggact	actgtgcttc	cggaggctcc	ctgtgtcctg	gaggagaaaa	1980
gcattagaga	gggcagctgg	acaagctccc	aactgcagag	tcccagccct	ggctggggca	2040
gggcccgcgc	ctgggactca	gcatttctga	tatgccttaa	gaattcattc	tgttttgtac	2100
aattattttt	taaaagtaaa	cgtqtggaga	aaqaaa			2136

```
<210> 6386
<211> 1705
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1665)...(600)
<223> similar to gi5381422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6386						
tttttttttt	ttctgtaatg	aataatattt	atgcaggctt	gtttttctaaa	gcaaaacaat		60
atttctcaatg	tacaaagttt	ggccaccatc	cccactttta	gatgaactat	gtcttaatga		120
cagagatact	tgaaacgttg	ctcgaaaact	ataaactttg	ggattctaat	agctagaaac		180
aaattgtcag	cttttactaa	ttccaaagaa	gttaagagag	aacctcataa	gaagagagtt		240
ttattcaaca	ttatggcatg	gccagttgta	attgtttccaa	caaagggaac	ctactttggt		300
gccccgagga	aatggctggt	tgtgatgctg	gggaaaagtc	aagatgctga	cgcctaattg		360
ctgttctagc	ctttccaggt	ttgtaacatg	aagatgggga	aggaaatggg	caccactgct		420
gtttgtaatc	tgaggaactc	ttgggcagca	ttcactctcc	aaaggcagta	caaaacttac		480

```

aaaggaaggt caaaaagtct taacactccc attcccccca ggaactcttg tctgtgtcat 540
ctgggtaggg aggggagggg atccgggggt ccctcagggt ccttgttcat gtttaggctt 600
tttgataggg ttccaatcca actcggctcg cttcagcctt gctgctgggc ctgaatgtaa 660
tagtgtgtgt catcccttag taatcacttt gaagagggtt ccctggacat tccctttaac 720
cccagtggga acgccattat cttccagagc agacacgagt gaaccacgaa gagaaaaccc 780
accactggc ctgttctctt ctttggaagg gtcatagtaa tgcaggaaaag ctggatcctt 840
ccttagaaca aagcgacgca ccttcaggtt tttcctcttg tgtccctgct tggccaggta 900
gccttgtttc accaccgtgc cacttaactc cacagtgtc aggctaattt cttccttggg 960
gcttatcttc tttttgtagc tctcagcaaa agtgtacagg gctgtggagt catccaggaa 1020
ctgctcggcc agatccccag agcgaatggc tcccatgctt cggacaccca caggcctgag 1080
gaagttctcc tccatgagca tggaggccag ggtcaccgcc tccagacggc tggccgtgaa 1140
gctgttggag atgagccagt ccaccaggga ggagccgagg aaggctcttt tatagggtgct 1200
tccctgtccc atgttggggc ttgaacggat tccggtgttg ctatcgtgca tcttgtccac 1260
aatgcatgac aggtgatgtg gcggggggcag cttgaaggag tttctcaggc tgtgcagctg 1320
ctggaccctt ccccgggctt gccctgcatg aatagccccg gtgatcttca aaggcccagg 1380
catcccggtt tcctctcgag aacaggcctc caggaagtac tccgtggatg tttgagtctt 1440
cagcttaatg aggagcggtc ggttttcata ctccaggcag gggcagggtg tgggtgcagcc 1500
atccaggagg atccggccct tgggaggggt cactctccga cccccctcaa gcttgtagta 1560
caccagcgtg ttctgccgaa ggatgaacca tcgcgccttc cagttgtgga caatgtggcc 1620
cctcttgacc aggaagccct cgttgagcac gccgtcctcc atgtcgccgt ccgcacgcca 1680
gggccacgcc aggtgcgcca cgaaa 1705

```

<210> 6387

<211> 2431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2432)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2426)...(548)

<223> similar to gi603560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6387

```

tttttttttt ttgatgtgac aaacagcatt tattccagac tccagtgtcc acagatgatg 60
gggtggggcg gaggtagggc gggggcagga gtgggaccag gggctggggg gagggggggg 120
aatccagtgt cagactctgc agcaagacgt caggtggggg gaccagcagg ggaggcgagg 180
agggaaaaat atcctccggc cagccgaccc tcggagccct tgtcccaagg ctgggccttg 240
ggctttgggt ccaggagagt attctggggc ctgggagaga cacattttct gtggaggagg 300
aaggggccct tccaccacc caccctccct ccctctcctt ccctcccga ggcagggcag 360
ccacctgtgg gtcccntcc ttgccggcag aggaaggaag ggagggtttt ggcagggaag 420
agggaaagag ggaaagaggg aaggcgtggg gagtacttgg cgtgagcagg gctggattag 480
atgatgcctg aatgctccac ggtccaggga cagcccttta ggaggttctt ggctcagcac 540
tcggcgctcg aagccccgc tggccacccc tggctcctcc ggaggcacct cccatgagaa 600
gggcgggtct gctctgggtt ctccgacccc gagtggctca gccctggctc ccctttggcg 660

```

cggagcccc	cttctcccgc	cgctggcggc	agcagggggc	ccctttgcgt	ctcacgcagt	720
agaagacagc	aacgcacgag	agcaggaggc	ccacgctgac	ggccacggcc	atgacggcca	780
ctccagcctg	ggaggctctg	gggctcacgg	tgccgaagtg	gaagacatgg	cgcttgttcc	840
cgtggggggt	ggaggcttca	caggagatgc	catcgcggt	cagggcgctg	gtcactttca	900
gggtcagaga	gctgctcacc	caacctgcc	gtccggggat	tggctctcg	gggctgcccc	960
ccaattggct	ccagctgagt	ttggggctctg	gatggccgcg	ggcagagcag	atgagtgtga	1020
cttcgtctcc	ttccctccag	ctgccatctg	ccttgggctc	tatttccgct	gtcttttagct	1080
ctggcgagcc	ttggaccagc	agcgtgaagt	tctgggtgcg	gctgaggacc	gggactgtgg	1140
gcagggaggc	ctcacatacg	taggtgccat	tggaatcgaa	ggtgatagaa	ctgagcgaca	1200
gcatggggcc	atcgcccagg	ggagtggagt	ccttgggtcca	gcgtagggca	ggggtgggca	1260
ggcgtgcac	ggagcagttc	acgactgcc	tgtgttttag	aggtaaggaa	agcaccttcc	1320
cctcgctgag	ctccaggggg	tccagataga	ccacgcgcag	ctccagcatc	ttggagagct	1380
gcacgtcatc	tggccgctcg	taatcctcca	ctctgcagcc	ataggtcccg	ctctggcccc	1440
gggtcactcc	ctccagggtc	aatgtccct	cgagattcac	attcagcact	tctcctgtct	1500
catcctgaag	gcggaaaagc	gtatactccg	ggctggggct	gcgctcccc	cggcagagca	1560
gctggacagt	gtcacccctcg	cgtacccagc	ctgctgggggt	ggacgggctg	cccaccaga	1620
actgcacgtg	ctccgtggga	tagtgcaggg	tgaggtggaa	ggtggggctg	tccaggcggc	1680
cgtggcgggc	ctcgggcagg	ctgtagtggg	cggcgcagtg	gaagctggcg	tctcggtcat	1740
ccttgcggca	cggcaggtag	aggggtgctg	tgagggagag	caggcccgag	gcctcccgga	1800
ccgtgcggct	ggtcatgtag	ccctctgggt	tcatctctac	gggcacctcc	aggcgtgcc	1860
cgttgcgata	ccacgtgatc	ttgggggccc	ggttcccgtt	ccggctgttg	ctgggtggcg	1920
tctcctgggc	agagtccctcc	atcacagaca	gtgtcccttt	gttgggggag	acctcagtgg	1980
cctctggctt	tgcaaacacg	ttgagccgcg	cagcggcctc	agcagtgcct	gccgcccctg	2040
ccctcaccac	gcacacgtag	tctcgctcgt	cgcccacctg	ggcctcagcc	agcaccaggc	2100
gcccttgga	gtccagctgg	tatgggggac	tgcggccccg	ggtgtcgtgc	attgtgacct	2160
ggagctcaga	gccctgcac	tcagccgagg	ctaggcgggg	gcgagctccc	gagcggtcgg	2220
taaggaaacca	ttccagcata	taatggctcg	gggttcccgt	aggggtgcag	tccagaatga	2280
cagactttcc	tcgcatcacc	tccaccagcg	ggggtacaga	caagcgcacc	tccgcctggg	2340
catctgggtg	cgccgcccag	aggactgcga	gcaacagcag	cgcgggggcc	ccgcgcgcct	2400
gggcgggtgc	gtccggggggc	tccatgttca	c			2431

```
<210> 6388
<211> 2689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1200)...(2609)
<223> similar to gi5419882 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 6388						
gttcccgctg	ggattcccca	tctccaaccc	cgcaggcaag	gacgccgtga	ccttgcaagg	60
catccctgag	ggagcctttg	atgaagtgac	ctcatgcctg	gtgaagggtgc	cagagaagac	120
agaaggtggc	aacaacatgg	ctctggttga	gaatgtcacc	acccttcaga	agagccagga	180
tctgctggag	gcagaaggag	aaaagaagac	catgataaag	aagattatgc	cacaccagc	240
ccaccctggg	catgcgggag	aggtcggagc	tggtgaacgt	gtgtgtgcac	agcgtgttct	300
ccctgccctc	cgtgcaggcg	atgcaggaga	aggacgaggc	caaggctgag	accatccagg	360
ctctttacca	tcagaccctg	gaggccctgc	agacactgct	caaagccctc	tttatcgagg	420

09483735.012400

```

acccactcc tgctgggctg aagagcatct tggaggccct ggggccttgg atgaactctg 480
ggaaggccca tgagcgagca cgggctgtga acaccaatgt ctctgtgttg aaccacatgc 540
ttctaactct gcctttcttt attgcaatac aaacagatgc ccttgggggtt cccggcgctg 600
gggcttctgc tggggagact catccttcac attggggatc ctgatgagga gattggctgt 660
gaggctctgg acggcatcat catcctctac actattctgg agctccaaaa acgagccaga 720
gataaggaag agaccaacaa aaaggagcta tatgagagca acaagcattt cctggggccc 780
tacaaccctg tgagcccgtg ccagaacatt ctgcgggtga tcgaggaatt tggagacttc 840
ctggggcccc agcagataaa ggacctgctg ctggccgccc tggaaagggt gaaaggcagc 900
tcagaggctc cagggaagga ctccaggag atgatgcagc tggcctcgga ggtcatgctc 960
agctcgggtg tggagtgtga ccgccacagg gcgctggagg tgatcccaga aatcatgcaa 1020
ggcatctaca tgcagctgag ccacatccag gaggctcggg cccgccagggt ggccctgctg 1080
cccgctctccc tccgtgctag ctcccttcag accgaggttg tggtgccct gctcatgtgc 1140
ccctccacac tgaacaggca gccagcgcc ctgtcgagct cctgtccgtc aacagctgca 1200
tgggcccgtg gaggcgcatc taccctcagc tgctcctggc cctgctcatt cagggtccatt 1260
accacatcgg cctcaacctg cctggctgcg tggctcctcc caaggacacc aagaagggtg 1320
cacagccctc tcccttcgta cctgtgcgct ggggtgtgaa agtggtgaaa accctgctac 1380
tgaggatggg ctgctcttat gagaccacgt ttctggagga ccagggtggc tgggagctca 1440
tggagcagggt ggagagccac caccgcggag tggccttgct ggcaagggcc atggtgcagt 1500
actcctgcca ggagctgtgc cgcctcctct acctgctcat cccgctcctg gagcgaggcg 1560
acgagaagca caggatcacg gccaccgcct tcttcgtgga gctcctccag atggagcagg 1620
tgcgccggat ccccgaggaa tactctctgg ggcggatggc agaaggcctg agccaccacg 1680
accccatcat gaagggtgctg tccattcgag gcctggtcat cctggcccg aggtctgaga 1740
agaccgcca ggtgaaggcc ctccctgccct ccatggtgaa gggcctgaag aacatggatg 1800
ggatgctggt ggtggaagcg gtccacaacc tcaaggctgt cttcaagggg cgggaccaga 1860
agctgatgga cagtgcggtc tatgtggaga tgctgcagat cctgctgccg cacttcagcg 1920
acgcacgaga ggacgtgcgc tccctcctgca tcaacctgta tgggaagggt gtccaaaagc 1980
ttcgggcacc acgcactcag gccatggagg agcagctggt cagcaccttg gtgcccctac 2040
tgctgacct gacaggaggc aactccaagg taagccagaa gtgtgtgaag accctgttac 2100
gctgttctta cttcatggct tgggagttgc caaaaagagc ttatagccgg aagccctggg 2160
acaaccaaca gcagacagt gcaaaaattt gcaagtgcct tgtgaacacc caccgagaca 2220
gcgccttcat attcctcagc cagagcctgg agtatgcaa gaactcacgg gcctccctcc 2280
ggaagtgctc agtcatgttc atagggtccc tgggtcccctg catggagagc ataatgacag 2340
aagatcgtct gaatgaagt aaagctgctc tggataactt gagacatgac ccagaagcat 2400
cagtgtgcat ctacgcagcc cagggtccagg accacatcct ggccagctgc tggcagaact 2460
cctggctgcc gcacgggaac tcatgggtgt gttactcagc caccacccac cgtctggagc 2520
cccagctgtg agaacctgcc cacttcccac cagcggcgct cctggatcat gcaggcactg 2580
ggctcctgga agatgtcctt gaagaagtga cgtccctgag ccccaaacc tcctcagggt 2640
ggttgagttc cagccatgct ccctataaat gtcatgtggc ttacctctc 2689

```

<210> 6389

<211> 3776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(2898)

<223> similar to gi3510535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	6389					
gaattcccca	aggctggggcc	cagaacacat	agtcctaggg	taacagtga	ggggtcgtga	60
ggggacagt	actcccttcc	aacccttct	tcatagggac	tggtggcaaa	caaagaaaat	120
caactgggaa	aatgaagacc	tgctggaaaa	ttccagtttt	cttctttgtg	tgcagtttcc	180
tggaaccctg	ggcatctgca	gctgtcaagc	gtcgccccag	attccctgtc	aattccaatt	240
ctaattggtg	aaatgaactc	tgtccaaaga	tcaggatttg	ccaagatgac	ttaccagggt	300
ttgatctgat	ctctcagttc	caggtagata	aagcagcatc	tagaagagct	atccagagag	360
tagtgggatc	agctacattg	cagggtggctt	acaagttggg	aaataatgta	gacttcagga	420
ttccaactag	gaattttatat	cccagtggac	tgctgaaga	atactccttc	ttgacgacgt	480
ttcgaatgac	tggaagcact	ctcaaaaaga	actggaacat	ttggcagatt	caggattcct	540
ctgggaagga	gcaagttggc	ataaagatta	atggccaaac	acaatctgtt	gtattttcat	600
acaagggact	ggatggaagt	ctccaaacag	cagccttttc	gaatttgctc	tccttggttg	660
attcccagtg	gcataagatc	atgattggcg	tggaagaggag	tagtgctact	ctttttgttg	720
actgcaacag	gattgaatct	ttacctataa	agccaagagg	ccaattgac	attgatggct	780
ttgctgtgct	gggaaaaactt	gcagataatc	ctcaagtttc	tgttccattt	gaacttcaat	840
ggatgctgat	ccattgtgac	cccctgcggc	ccaggagaga	aacttgccat	gagctgccag	900
ccagaataac	gcccagccag	accaccgacg	agagaggtcc	cccgggtgag	cagggtcctc	960
ccggggcctc	cgggcccccc	tggaagttcca	ggcatcgatg	gcacgcacgg	tgaccgaggt	1020
cctaagggcc	ccccggggcc	cccgggtcct	gcaggtgaac	cgggaaagcc	aggagctcca	1080
ggcaagcctg	gcacacctgg	cgctgatgga	ttaacaggac	ctgatggatc	ccctggctcc	1140
attgggtcaa	agggacaaaa	aggagaacct	ggtgtgcctg	gacgcgtgg	atttccaggc	1200
cgtggtattc	ctggaccccc	tggtcctcct	gggacagcag	gactccctgg	agagcttggc	1260
cgtgtaggac	ctggttggtga	ccctgggaga	agaggaccac	ctggcccccc	tggtccccca	1320
ggacccagag	gaacaatttg	ctttcatgat	ggagatccat	tgtgtcccaa	tgctgtcca	1380
ccaggtcgct	caggatatcc	aggcctacca	ggcatgaggg	gtcataaagg	ggctaaagga	1440
gaaattggtg	aaccaggaag	acaaggacac	aagggtgaag	aagggtgacca	gggagaactc	1500
ggagaagttg	gagctcaagg	acctccagga	gcccaggggt	tgcgaggcat	caccggctta	1560
gttggggaca	aaggggaaaa	aggtgctcgg	ggcttagatg	gtgaacctgg	gcctcagggt	1620
cttcctgggtg	cacctgggtga	tcaaggacag	cgaggacctc	caggagaagc	aggtcccaaa	1680
ggagatagag	gggctgaagg	tgcagagga	attcctggtc	tccttggggc	caaaggagac	1740
acgggtttgc	caggtgtgga	tggtcgtgat	gggatccctg	gaatgcctgg	aacaaagggt	1800
gaaccaggaa	aacctggggc	tcctgggtgat	gcaggattgc	aggggttacc	aggtgtacct	1860
ggaattcctg	gtgcaaaggg	tggtgctggt	gaaaagggtg	gcacagggtg	tcaggggaag	1920
cctggtcaga	tgggaaattc	aggcaaaccc	ggccaacagg	ggcctccagg	agaggtggga	1980
ccccgaggac	cccaggggct	tcctggcagt	agaggagaat	taggaccagt	gggatcccca	2040
ggcctaccag	gtaaaactgg	ttctctgggt	agccttgccc	tccttggctt	gcctggggcc	2100
cctggacttc	ctggaatgaa	aggtgacagg	ggtgtagtcg	gtgaaccggg	tccaaagggt	2160
gaacagggtg	cctctgggtga	agaagggtgaa	gcaggagaaa	ggggggaact	tggaatata	2220
ggattacctg	gccccaaagg	atctgcaggt	aatcctgggg	aacctggctt	gagagggcct	2280
gagggaaagt	gggggcttcc	tggaagtggaa	ggaccaagag	gaccacctgg	acccgggggt	2340
gtgcaggggag	aacagggtgc	caccggcctg	cctgggtgtcc	agggccctcc	gggtagagca	2400
ccgacagatc	agcacattaa	gcaggtttgc	atgagagtca	tacaagaaca	ttttgctgag	2460
atggctgcca	gtcttaagcg	tccagactca	ggtgccactg	ggcttcctgg	aaggcctggc	2520
cctcctgggt	cccccgggcc	tcctggagag	aatggtttcc	caggccagat	gggaattcgt	2580
ggccttccgg	gcattaaggg	gccccctggt	gctcttggtt	tgaggggacc	taaagggtgac	2640
ttgggagaaa	agggggagcg	tggtccctcca	ggaagaggtg	ccaacggttt	gcctggagct	2700
ataggtctcc	caggtgaacc	aggccctgcc	agctatggca	gaaatggccg	agacggtgag	2760
cgaggccccc	caggggtggc	aggaattcct	ggagtgcctg	gacccccggg	acctcctggg	2820
cttcccgggt	tctgtgagcc	agcctcctgc	accatgcagg	ctgggtcagcg	agcatttaac	2880
aaagggcctg	acccttgaaa	ggcttactgc	tgcatggctg	tctgcatgaa	ccacgcctgg	2940
tgaaggagcc	tggttgagaa	acaccatcca	aagctggggc	aaagatgatt	accttcagca	3000
tgattacaat	gtattacctt	cagtatgatt	acagaagtcc	tacttgacaa	tcacatatag	3060
aagaacgggtg	ctattcagta	agtttctctt	cctttccctt	ggaggggaaga	cagcagagtc	3120
atcagttaaa	aaaaaaaaaa	agaaaaccaa	acacctccct	tgaataaatt	tatactcctg	3180
ttcccaggat	cttgagcttt	agtgtgctat	acctatgtgt	cttatcgtgg	gccactgtgc	3240
caataaacaa	aaacaactgt	ttggttttacc	tcagttgcag	tagttatttt	catttagaag	3300
ttgttctcag	attattgttt	cagttatata	gaggattact	agaactagtt	atgaagaaac	3360

cccactacat	tccaatggaa	ttggtgctta	aaatctcatc	ggatgttgct	gttctctgga	3420
gtgataagaa	agggctacga	tctcccga	tgatttcttt	acgtcatgta	ttggtttcct	3480
tcttcacctt	ggaacctttt	ggttgaactg	gtatgtactt	taccccaa	ctgttaatat	3540
tttgagcgct	tctatgtgga	aagcaaagaa	ataattttaa	tactctggcg	attcataaat	3600
tttattgatg	agattatttta	ttttaaaagg	ttgaggtaac	atctctgggt	gtaccaaaga	3660
agaaataaat	atggtttctt	aatctcttgc	atgttttctt	ataaataatc	atgttcaatg	3720
aaaagaagtt	actgagctta	tttagatata	ttaaactatta	cttaactact	ggttca	3776

<210> 6390
 <211> 1819
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1508)...(560)
 <223> similar to gi4929581 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6390						
tttttttttt	ttcaaactgc	aaaacccttt	tattttttaat	aaaaggcctc	acttccaagg	60
agagcccagc	ccaggagatc	cccggatgaat	cgtaagcct	gggtcctcgg	ggagccggcg	120
ttcctgctga	gctgatgttg	tacttctgaa	ggcctgtgat	cgtaactgc	accatgaggc	180
agaatgcagg	gtgctctcaa	ccagctgggg	gttgggggtc	aggctttttt	tcattctttcg	240
gccaaaggcag	acaacaacgg	actcatcatc	ccacgcgact	gagtgcgcgc	aggcttcaaa	300
cgcaagcacg	agtgtttaga	atcctgcatt	ttcaaaggct	cttgcccact	gggaactaca	360
tggagaggag	attaagaaca	acaacaaaaa	gaggcagggg	gtggggcagg	cgtgaggtag	420
gggtgggggtg	gggatgacag	tcaacacagc	ttggaccaga	agcccattgg	gcctggctcc	480
ctggaaaggc	acagggcaca	gacggatgcc	gcctttcttg	ctgggacact	cctgccacca	540
tccacagctc	ccccgtcact	ccacgttctt	gtacttgggtg	aacaggttgt	aaagaaccct	600
caggggtggat	ttgaggtcca	agttaaccac	gtcttcagga	cgagccttgg	gtttcttgag	660
gcctccgtcc	agcatcagct	caaaggcgaa	ggacacattg	tggaccttct	gatcgaagct	720
ttccggagtc	aggtagaagt	ggtggagagg	aacaaagtag	tcttccagaa	ggcccatgag	780
cagaaccagg	tacacgccat	ctgcaaaactg	ggtctccagt	tccgtcacct	ccaaattcag	840
cttggttcagg	tgcttggtca	caaaagtgat	gagagacttc	ttcaccacgc	tgagcttatc	900
cggggcggtg	tgaacagcg	tgctgaaggc	atcccgtctg	aaccggccca	tcattcatctc	960
tgtagttgtg	gtcagctcct	ccgagatgtg	gctggaatgc	agcaggcctt	cccgtttccg	1020
cacgaccacc	acctgcaccg	ttacatgctc	aggaaggcgg	atggggggccc	tgaagtgcac	1080
ggccagagag	accagcaggt	ggaggatggc	caccaggttc	ttcccgtgaa	ttgagtccac	1140
gctccaccgg	agcggccagc	ctcggggccg	cagcagggtc	tgtactgctt	ccagcaccgt	1200
ctgcagcttc	tgtttctgcc	ctatttcgga	ctgtgtcacc	tcagccacat	tcagcttgca	1260
ccctgccagt	ttttccaaga	gcttctgcag	cacctggccg	tcatacaggt	cttcctccag	1320
ctgcttcaca	atgatcctct	cctccaccag	cacgtcatta	atccagtcga	ggaggacctt	1380
gaccagttcc	ttgaacttgg	ggtcttcctt	ggaagtgggg	tcaatcatcg	tgcgctcctc	1440
gttctcctca	agctgggtgt	cttcagggtg	aacatccgcc	agggcggggg	acatcggtga	1500
gttgatggca	ttcttgctt	cttcctgcag	gtcactcagc	caccagctcc	tcttcccagc	1560
tggggagggg	gcacgggat	ccttcgcttg	ggcttaagca	ggaacccaaa	gacatctctg	1620
ttaaatagag	ttttccaggc	ctctgccagg	aaatgacagc	tttctatgaa	ttttccaact	1680
tccatccgta	ctcagagggg	tgtgggtttct	tcgtagaagc	tgtaatttat	cagaataact	1740
aacttcatca	ggcacgaagg	tcttcttaac	agagcagttt	ttctaaaaat	aagtccagtt	1800

<210> 6391
 <211> 5737
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4304)...(2359)
 <223> similar to gi4240199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6391

tttttttttt	ttgcaacaat	ttaaaaattt	attgcattac	agtagcatca	catcagcagt	60
caataatgcc	actttaagca	aaagtctttc	agtatttccg	ttacacattc	tgttaacaag	120
aactcataca	ttggtaaaat	tcattttaag	aaaacttggc	aaataacgct	ttggcctgta	180
attggcattt	ctttctctac	ttttccttcc	caccatttct	tcctttttaa	ctacaggatt	240
tatattttaa	aatgttttat	ttcagaacat	taagatagca	gttacatttt	ttaatattta	300
tattatttta	aaatgactct	ttaagataca	gttttaaacc	catgggctag	aaatcatacg	360
actgttaatt	agccgcatta	tttggctctaa	cattttttat	cattctgaaa	ctggatttgt	420
gtaatacatt	gataaattca	tacaatttgg	aagagtcagt	tgaagttaca	aggacccaat	480
atctgccctc	tttcagtgaa	tgccggcaaa	tctgttattc	cattggcaaa	atcgtattgc	540
tgctctcctg	ttaatctcac	atttataaaa	ggatcatgag	gctgccaagt	gctaaaaatg	600
gagatggtct	agtaactaga	aaactcccca	ccccaggag	cacacctaca	tatctcccta	660
caaccttaata	atgtgatgtg	ttttggaaca	cagacattag	aacttcatga	agttttaact	720
gttgattctt	tcccaagcat	catcaagtta	tgatttaggc	aatgtatgat	tgaaatgcat	780
tcattcatca	tgcataggca	caatcacaga	aattattgcac	aaagtatgtc	cctgactgaa	840
aatgagaggt	acaaaaacgt	atttcactct	tcgtaaagaa	gtttgtgagg	aaatacaact	900
ctgcgatcgt	atagacatgt	ttcctgataa	tacagacatt	cacaaacagt	agattgcacc	960
acagtgtgta	aacattttta	gttgcataaa	cttctccttg	attttcaaag	ataatataat	1020
actgtctact	aaaattcctt	tttgtttcaa	ctaagtactc	tcacatatat	tagttttataa	1080
taatgtttgt	tattactttc	taaagtgttt	tccactcaag	gaaaagaagt	aaattcctat	1140
gtcagagtaa	ccgagggtgg	tgaagaatag	gtattagcca	gagagggtcta	gatagtaaaa	1200
tcaaaacttca	agcctcaaag	aagctccatg	aacagagagg	aatgccagggt	gtcacacagc	1260
tttccttcac	tctaattcat	tcttgactag	agcctgtatg	cctgattcag	agacatttaa	1320
actcttaaa	gatttcttat	gatcttcaat	aaatacatta	agaagaatgc	caaccagcgc	1380
cctttcgtgt	actgggacag	gtagtcatgt	gattaaaaca	gggaacacga	actctgactt	1440
taaaatgtat	tgtagatata	aatgctctaa	gctaggaaag	gtttttcaca	cccacagcca	1500
atgatggcag	cctttcattc	ctcggaataa	agcccttttt	gaggtcattg	aaaaaagagt	1560
gcaactgctg	cagctcacga	tgcaatatct	tcatgagccc	agagcacata	caaattccaaa	1620
gggaactgcc	acagtacact	gctcattctt	ggcaccggaa	cagatgaaac	acactgtatc	1680
ctgcacatac	ctgccagagc	aggccacttt	cctcttctgt	gagatttaga	aagctcccc	1740
aaaaggttat	cactcccatc	accaatacac	agaaaatgga	ggaaaggctg	tttccagttc	1800
tcggccttta	aacagctcta	aatgtcagta	ctccacagtg	gcatattaca	aagtaataaa	1860
cagtgccaca	cttgagggca	aaccgcatat	tgagctatag	aagagctcac	tgtgattaag	1920
atgagatcaa	acatcatagc	agaacattag	caaattttat	ctgaattctg	taatggacat	1980
ccatgctgca	ataacattag	aaaagcacgg	gagcctattc	caaaccagcg	agaacagttt	2040
tgtgcaaaga	gtgggtcttt	gtgtgtttga	actcccacca	cgtaagggca	aactcgatat	2100
gcatgcta	gacctacaat	tatgaaatga	aaaaagaaaa	atgctgaagg	atgccagagt	2160

0048735-04100

gaacatcagt	gagagccaca	gagacccact	ctcttttaac	tttttacaaa	taaacttaaa	2220
ctataaatga	gaaccacaaa	taatcatgag	tagctctaac	attcaaata	agtaaata	2280
ttgtgtagga	gattaacccc	ataactgtgt	ttcgtttttg	aaaatgtctt	gagcagctct	2340
ttgatgatgg	tgggtgtttat	ctccttcttc	tcggcagcca	agcccagcaa	aagcatggca	2400
cacagcagtt	gctgcccagg	cctgggtgct	cctgggtggc	ctgcatctca	ccaaggagct	2460
gcacgattgg	ctgttgca	agggttgctc	tgggaagaac	cctccctggc	ttctccttgt	2520
gcaggctcca	cgctgttgg	gaggctcgcc	tcacaaagat	cacatgctt	gtcggcagcc	2580
ccgagctcct	ggggggtgg	ggctcctgga	ctgggttcag	cagcagggtt	ctgggcagcg	2640
gccaggaatt	tgccgtgccc	ctcgctgtag	ctgccacaag	ccgcaacacc	atctcctgca	2700
gctccagcag	cttcaccttc	ctctcctcct	tgtcctgggc	cagcctgatg	atggcctcct	2760
cccggtgacg	catctttggc	actgtccctt	ggctctgtta	gaaggcgatg	tacgttctga	2820
tggcatctct	ctctccggtg	ctggatgaat	ccaagttcca	gtttctccac	atgctccctc	2880
aggteccgct	tctctccag	gaggctcata	aggccgctag	actcgccccc	agtcctcgag	2940
gctgggactg	ctgcctctgg	ctccttctcg	gccgaggtga	gcgtctccat	cacctggccc	3000
agcttctcct	gcagctcctt	tacttgctgc	tccaactgca	gtgcgctctt	gttctcgctg	3060
ttcagctcct	ccaagtgcct	ctgtggctcg	gccagctgct	gaagcctctt	ctcccgttcc	3120
cgaagcctct	cctgctgctc	ctgaagcctc	tcctcctgct	cgcggaagcct	ctcccttttg	3180
cccacggttc	aggagactga	tgcactgatt	gttttccacc	tgagcctgga	gctctcctgc	3240
cactctctcc	agctccttcc	tcaggtcttg	cagctccacc	tcagaggaca	ctgctggggc	3300
atccgggggc	agtggctcag	ccatctgggt	tttgagtctg	gacaagctcc	tctccagctc	3360
ctctaccoga	tgcgtatcat	gcttcttctc	ctccttcaat	gtgcaaacct	cctgcgacat	3420
tttctcctc	ctctgctgcc	actgggccc	ctctcctttt	atttgctcag	catattgatc	3480
tctctccagc	tggacttctt	taagcgactc	cttcaactgt	gtcacgtgtc	ctttcagcag	3540
tatctgctcc	cgtatggact	gctctaactg	ccgcttgaga	agtgtcttac	tgcggctcga	3600
gaacccatcc	ggcttcttct	tctgtgtggc	ggcgacagca	cagagagacc	actctaactc	3660
tcctatacgc	tgcgatgaac	gttgccaggcg	gccggccaga	tccttggtg	cttcttcaaa	3720
gtatctgaga	gaatgtttca	tgtgatacag	gtccgtatct	agtttctttt	tctctatgtt	3780
caatctctgg	atttgaccct	ctagctccct	ttcagctttc	tgtttctcat	tgtttgcttt	3840
gttttcttct	tcagctgat	gttccacttg	tttcttctgt	tgtttcaaag	atttgatggt	3900
gtcattcagt	cgactgattt	ttatggacct	cgagttcagg	actgctgctt	gttcttggca	3960
cgggctctga	cgcgcatgca	gagaggagga	ggcggaggag	gacttggggg	agaggtagag	4020
agaacgatca	ttagggctgg	gttggtgtgt	ggctgtctca	gctggcagag	gggcacccag	4080
tcctccgtgc	gggaggaggt	tggagggtcg	gcctgcgggg	tcactgcacc	tcgcccaga	4140
gcctcctacc	tcagatcct	tcagggtagc	agatgatgta	gggcccctcc	cgtggatacc	4200
tggtgctgac	tataagagat	gagactgcac	atggagatgt	tctgtccccc	tcagtgtctg	4260
agccctccga	cttcccttct	tcctccatcaa	ctggcaacat	tttcttttct	gcctatcttg	4320
gaccccttgt	cccataactc	ctttgtgcca	acttctctca	cggttcttat	ctccccacca	4380
tcctcccttg	ggggccttgc	agtgaactcat	gatgggaagt	ggctgttctc	attgtcctgg	4440
cttcccttgg	agactgggga	tgaggaaaat	caaacagcaa	agaccatata	ctgggtgtcc	4500
tgggtgttga	cagcaggcca	tgtactaggg	attaacataa	aatcgacaat	tatcaatctc	4560
attgaaactt	cacaaatata	agtcaaacaa	taccacctct	atcatacaga	cgtgaaaaca	4620
gaggcccaaa	gagctcaagc	aacttgccct	aaatcatata	cctagcagac	ggagaggcag	4680
gattcaaacc	cagaattctt	ttcttttttg	aaacggagtc	tctctctgcc	ttccaggctg	4740
gagtgcagtg	gcgtgatctt	ggctcaactgc	aagctccgcc	tcctagggttc	acgccattct	4800
cctccctcag	actccggagc	agctgggact	gcaggcgccc	gccaccacgc	ccggcttttt	4860
tttttgtatt	ttttagtatt	tcaccgtggt	tgcctggatg	gtctcgatct	cctgaccttg	4920
tgatccacct	gcctcggtct	cccgaagtgt	ggggattaca	ggcgtgagcc	actgtgcccg	4980
gccaaatcca	gaatccttca	ccagtaccca	acagtcctac	cacaatctta	acgattgccc	5040
tctactgctc	cttggggccc	ctgtcccca	aagcctgtcc	aggcaagact	cacagcttca	5100
gatgagtggc	aaccaccaga	agcggccgct	tcagggtctac	tgccatttgc	tttctgttgc	5160
ctcttcgctg	ctgctggaac	accaggggcg	tttctctgcc	aatattcttt	gaactttttc	5220
ttggctgcag	ctaatttact	ctgtccagtt	tcttctgcca	ttgtgggggtg	gggaggagg	5280
cggggctggg	gccacgtcag	ccaaatccca	gcgagcgctg	atcaacacgt	ccagtacccc	5340
ttaaagaatc	agaaataaat	aggctgggca	tgggtggctca	tgactgtaat	cccagcactt	5400
tcgggaggcc	aaagtgggcg	gatcacctga	ggtcagtagt	tccaagacta	gcctgcccac	5460
catggtgaaa	ccccgtctct	actaaaaata	caaaaaatag	ctgagcatgg	tggcagaggc	5520
ctgtaatctc	agctactcgg	gtggctgagg	caggataatt	gcttgaacct	gggaggcaga	5580

ggttgacagt	agctgagatc	gtgccattgc	actccatctt	gggtgacaga	gtgagacatc	5640
atcttctttg	ctccaagctg	cactctggct	ttgcctttga	gtcacgtggc	atcttctttg	5700
acgatgaccg	gttctgtcga	gtaggcactg	cttcagc			5737

<210> 6392
 <211> 3275
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (179)...(2300)
 <223> similar to gi338649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6392						
ccggggcgcg	accatctgcg	ctgcggcgcc	ggcgactcag	cgctgcctca	gtctgcggtg	60
ggcagcggag	gagtcgtgtc	gtgcctgaga	gcgagcgtgt	gtcctctggg	accgcgcagt	120
ccgccccgc	ggctcctggc	cagaccaccc	ctagtcccc	ctgccccaa	tcgcagccat	180
gaactacctg	cggcgcggcc	tgctggacag	caactttatg	gccaatctgc	caaattgggt	240
catgacagac	ctgcagcgtc	cgcagccgcc	cccaccgcgc	cccggtgccc	acagccccgc	300
agccacgccc	ggtcccggga	ccgccactgc	cgagaggtcc	tccggggtcg	ccccagcggc	360
ctctccgggc	gccccctagc	ccgggtcctc	ggggggcggt	ggcttcttct	cgctcgtgtc	420
caacgcggtc	aagcagacca	cggcgcgggc	agctgccacc	tcagcgcgag	aggtgggcgc	480
cggctctggg	ggcgcgaggc	gcggggggag	cgctccagg	gtgctgctgg	tcacgcagca	540
gccgcacacc	gactgggcaa	aatacttcaa	agggaaaaag	atccatggag	aaattgacat	600
taaagtagaa	caggccgaat	tctctgatct	caaccttggt	gcccatgcca	atggtggatt	660
ctctgtggat	atggaagttc	tccggaacgg	ggtgaaggtc	gtgcggtctc	tgaagccgga	720
ttttgtgctg	atccgccagc	acgccttcag	catggcacgc	aacggagact	accgcagttt	780
ggtcattggg	ctgcagtatg	ctggaatccc	cagtgttaac	tccttgcat	ctgtctacaa	840
cttctgtgac	aagccctggg	tgtttgccca	gatggttcga	ctgcataaga	aactggggac	900
agaagaattc	cctctaattg	atcagacctt	ctaccccaat	cacaaagaaa	tgctcagcag	960
ttacaacgta	ccccgtgggt	gtgaagatgg	ggcacggaac	actctgggga	tggggcaagg	1020
tcaaggttga	caaccagcat	gacttccagg	acatcgcaag	tgctcgtggc	ctgaccaaga	1080
cgtatgccac	tgccgagccc	ttcatcgatg	ccaaatatga	cgctgcgtgtc	cagaagattg	1140
ggcagaacta	caaggcctac	atgaggacgt	cagtgtcagg	gaactggaag	accaatactg	1200
gctctgcgat	gctggagcaa	attgccatgt	ctgacagata	caagctgtgg	gtggacacgt	1260
gctcagagat	ttttggggga	ctggacatct	gcgagtgga	agcgctacat	ggcaaggacg	1320
gaagggatca	catcattgag	gtggtgggtt	cctccatgcc	gctcattggt	gaccaccagg	1380
atgaagacaa	acagctcatc	gtagagctcg	tgggtcaaca	gatggctcag	gccctgcccc	1440
ggcagcgaca	gcgcgatgcc	tcccctggca	ggggctccca	tggccagact	ccgtccccag	1500
ggggccctgcc	cttggggcgc	cagacctccc	agcagcccgc	agggcccccg	gctcagcagc	1560
gacccccacc	acagggcggc	cctccacagc	cgggtccagg	ccccagcgcg	cagggacccc	1620
cattgcagca	gcgcccgcgc	ccgcaggggc	agcagcacct	ttcaggcctt	ggacccccag	1680
ctggcagccc	cctgccccag	cgccttccaa	gtccacacct	agcggcccag	cagccccgcg	1740
cccaggccgc	gccgcccagc	cagggtcaag	gccgccaatc	ccggccagt	gcgggaggcc	1800
ccggggcgcc	tccagcagcc	cgcgcgcgcg	cctctccgtc	tccccagcgc	caggcgggcc	1860
ccccacaggc	taccctgcag	acatccgtct	ctggcccggc	tccgccaag	gcctctgggg	1920
ccccaccggg	cgggcagcag	cgcaggggcc	cgcgccagaa	acccccaggc	ccagccggcc	1980
ccacacgcca	ggccagccag	gcgggtcccc	tgccccgcac	tgggccaccc	accacgcagc	2040

```

agcctcggcc cagcggcccg ggccccgctg gacgtcccaa accacagctg gccagaaaac 2100
ccagccagga cgtgccgcca cccgccaccg ccgctgcagg gggacctccg cccccccagc 2160
tcaacaaatc ccagtctctg accaatgcct tcaaccttcc agagccagcc ccgcccaggc 2220
ccagccttag ccaggacgag gtgaaagctg agaccatccg cagcctgagg aagtctttcg 2280
ccagcctctt ctccgactga taccccaactc tgagaacccc aaaatccctg ggcaaccctt 2340
ctctggggccc tgaatccatt tctcactttt ggagtctcca aatcccttga gaacccatct 2400
cccggttctc caagattcca cctctcattc ctcaagatcc ccgagtacct tgagaaacct 2460
gactcctcct ggccctaaat ccggttctca catgtggaat ccccaagtcc ttttagaacc 2520
ccactcgtgg gtcacttcag gatctacttc tgttttagaa cctccacatt cctgaagacc 2580
tccgcccctg gtttccccag agggcgtttt ccttcctggg aagtgcccaa ataccaggca 2640
acccattgca gaatcccttc ctggagccct gaagttcctg ggaaaaccct atttttggtc 2700
ccaaatctct ccagcacacc tatttcccat cataattttc caaatcctca agaaaccctc 2760
actgttgagc cccttcccat ggatcttcca tccctctgaa gatccacatc ttcaaagacc 2820
acccaacacc tagccccaca aggatttccc ttaccagct cccctcaacc tcattcaata 2880
ccttggggagc ccctccact tccaggaccc ctcggttccc ccaggggacc cctccccagt 2940
ttcctgcctc tgacagctgt ctttaaatat gcaaactcca cccatcttcc cagaatcctt 3000
tgcacacgga aggccagtgg tctccgcttc cccacctttg ctgtggtgtc tgtgtctgtg 3060
actgacgtgg cctccttttg tgccgtgctt ggcatatgtg gtccctgttc atcgtgccgc 3120
ctgtggtgat gcgtgcagtg acgctgttta tgtggtccgc acctccccct gaccttcaact 3180
ccttgcttgg actcaccca cccctcagcg gctctgaacc ccaagagaag agtcgggaaa 3240
caaaataaac aagcaaaaggc ccagcaaaaa aaaaa 3275

```

<210> 6393

<211> 1502

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1371)...(770)

<223> similar to gi4929645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6393

```

tttttttttt ttccgggggt tccctgtgca cttttaatta aaacacaagt tgagtaagca 60
gcctccacag gctgtattcc caggcccccg cccaccctga cctttggccc agaagctact 120
gcttcagtgt gtgggggtgga ggagtgcagc tgggtccaca gtgacattat tgctgacctc 180
ttctgtgtga ggaaaaaggc cagcagaccc tttgtggggc cagccctgag tgctcctctc 240
ccaagtttta aggcaggagc ggggaaataa ctgtacagcc cttttagccc ccagctctgg 300
agtggcagac agcaatgagg ccacatccct ggagctgccc gggggaagtg ggtgaggaaac 360
caaagccgtg gtccctgtag agcagctgtg ggtggagagg ggcactgacg acactgccct 420
ctgaccacat aagccttggc cacagggtga ggtggagagg ggcactgacg acactgccct 480
aagggtgcagt cctgaggcac ttaggtgggc gcctatctag gccatgcttc tcagttggcc 540
ttgaccttgg caatacctgg agctccattt tgctgaagtg cacggggcag ccgcttgccc 600
ttggtataag agtgatacca gaagttggag aacagcatga agaagatggt gccatacatc 660
cagatgaggt gaataatgac tgggtactgg tagttacagc tggacataaa gtagtactgg 720
gagatgtgca gtgagaccag gacaaactgg atcagctgaa tggctgtcat gtgctttttc 780
caccaaaggc aggggtgtgc cacaggggcca aaggcagata atccgtagta caggtaacatt 840
atgacatgca cgggaagagt tatcatggca tggaaagagc ccattcctcc cggggcaatc 900
tttacccccc accaccagct ccagggaagc acagagtgat ggaagacatg taggaaggtc 960

```

```

acctgcccgt ctttctttcg gagaataaaag atcactgtgt ccatcagctc aatgaacttg 1020
gagaagagga agagccagcc caccggaacc atcttaagt cctcagggct gttggaatag 1080
tccacagggt cacagcgcca ggtatagggt ctcagccagc ccgacatcag gaactcatag 1140
acaatgtaga gggagagtgc caccagtgtg aagtgttaga caatcatgaa gccacggagc 1200
tggaagggct tccgattagc catgatgcga ggcccaagt agagaacgaa gtacacgtag 1260
gtcaggagaa tggagggtcat tagcaagggg gaccccatca gagggtagcc ctggatccgg 1320
ggatctgctg gcttcatcac ctcttgggtac aagttcacia cagcctccat cctggctaag 1380
gactccgtag gggccaggcg ggcaacggcg gagcgctcgg agggagcagg gccagagaga 1440
agtccccggg gccagcctgc ctgcctgcc cttacaccac gcgtccgcgt acgcgtgggc 1500
gt 1502

```

```

<210> 6394
<211> 827
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (469)...(148)
<223> similar to gi871345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6394
tttttttttt ttctggctga caaagatatt tattgagggt ttactgggta cagcgagaag 60
ggctgaatgg cttgggatgc agagagagac ccctcccctg ggatcctgca gctccaggcc 120
cctgtgggtg ggggtggggc tggaacctat gaacattctg cagggggccac tgacttctcc 180
acggtgctcc cttcttgcat aacctggcag ctgtagcttc tgcgggacct ccactgctcg 240
ggcgtcaggc tcaggtagct gctggccacg tacttgttgt tgctctgttt ggagggcgtg 300
gtcttctcca cgctctgggt gatgagggtta ccatctgcct tccaggtcac catcaagatt 360
cccgataaaa gttattcatg agacacacca gtgtggcctt gttggcttgg ggctcctcac 420
aggacggcag gaacagaatg accgacgggg tagtcttggg ctgacctgtg tggacagagg 480
agggggtgag agatggcaga gggagtgtgg ggtgttgtgg agcgctctc tctgtctaaa 540
gtctctggga gggttcatgg tgtggccgtc tgggccaccc agggcctctc cttccctcct 600
cattccctcc tttccactgg agccctctgc agagcagaca gccctgtgcc ttcctaggag 660
cccttcccaa gtcacctttc ccagggtgtc tggccagacc ctttctctctg cagcctcagt 720
ttccccgtgt gtacccaggg caggctgtgc tccctccttc ctggtttctg ggaattccac 780
cgcnctgact aatgtcatca gtgnntcaat tnnccccct cccctcg 827

```

```

<210> 6395
<211> 1121
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (377)...(1076)

<223> similar to gi3170194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6395

ggaattcaat	gctgcacaag	ctctgagccc	tcctggggct	gcgaagttcc	tctgatggga	60
ggtgtgtggt	ggccatccca	tccctgtgta	agacctgggg	aaaccactct	tcaaggttca	120
ggaggaggga	gggcggcccc	cgacccttaa	ccagagcgag	gttgttgctt	tgtgtccaca	180
gggaccagga	gcgaaccatg	atgccaggta	ggaggggctg	actgggcccct	gcgagcgcgt	240
gcctttcctg	ctgggcagag	gccctccaca	tggggccacg	cgggcccggc	acaggagggc	300
agtcagatgg	gcagggcctg	agagcctccc	tcctctccct	aggtccttaa	tcatggactc	360
cccaagagct	ggcaccacc	agggccccct	cgatgcagag	acagaggteg	gtgctgaccg	420
ctgcacgtcg	actgcctacc	aggagcagag	gccccagggtg	gagcaagttg	gcaaacaggc	480
tcctctctcc	ccagggtctg	cggcaatggg	ggggcctggc	cccggcccct	gtgaggaccc	540
cgcgggtgct	gggggagcag	gtgcaggggg	ctccgagccc	ctggtgactg	tcaccgtgca	600
gtgcgccttc	acagtggccc	tgagggcacg	aagaggagcc	gacctgtcca	gcctgcgggc	660
actgctgggc	caagccctcc	ctcaccaggg	cccagcttgg	gcaactcagt	tacctagccc	720
caggtgagga	cgggcactgg	gtccccatcc	ccgaggagga	gtcgtgcag	agggcctggc	780
aggacgcagc	tgctgcccc	agggggctgc	agctgcagtg	caggggagcc	gggggtcggc	840
cggtcctcta	ccagggtgtg	gcccagcaca	gctactccgc	ccaggggcca	gaggacctgg	900
gcttccgaca	gggggacacg	gtggacgtcc	tgtgtgaagt	ggaccaggca	tggctggagg	960
gccactgtga	cggccgcctc	ggcatcttcc	ccaagtgttt	cgtggtcccc	gccggccctc	1020
ggatgtcagg	agcccccggc	cgctgcccc	gatcccagca	gggagatcag	ccctaattgat	1080
gctgtgtcca	tgatgctttt	aataaaaaaca	acccccactg	c		1121

<210> 6396

<211> 2797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2700)...(174)

<223> similar to gi4588046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6396

tttttttttt	ttaaattgaa	aggaaacttt	tattgagtca	tgttttcaaa	gcaatctagt	60
tttttaaaaa	agttgaagac	aagacagaaa	aaagaacatg	acacctaaaga	gaatcagaca	120
ggacagacag	acgggagcgc	ggggggcggg	gacagcggct	ccgtggagggt	ccagatcttc	180
tccatcttgg	aagatgaggt	cgtcgccaga	atcctgggtcc	agctcctcgt	tctctttaag	240
tcttctgctc	cactgtcttc	tccagcgact	ggatgcgcgt	ctgctccttc	ctcaggctgg	300
cctggagggc	caacgcttcc	gcctgggcct	tgctccggac	ctgggcgatc	tcctcgtttg	360

ccagctgcag	cttctcctcc	gcgtgggcct	tcagggcttg	gtacctctgg	ccctcctggg	420
tgatccttgc	caggtaatcc	tccacgcact	tcttcagtga	ctcttcgttc	ttgcggtagc	480
cctcgatcac	ctctttctgt	ttctcaaaac	gcttgaagag	gtcggagaag	gacttctcca	540
tggagttcag	atctgtggta	agttggtcct	tttcttttag	aactttctgg	atttcagctt	600
tggaaagttc	cttctgcttc	tgaacttcct	ccatggcctg	gtacacaacc	tcttcgaacc	660
tgtccatgat	cttccccagt	tccaggttct	tcccgtggag	ctcctcacac	ctgctcctca	720
gctcccgggt	ctcctcctgt	gtcgccttta	ccactgcac	caggtccttc	tggctgtact	780
ggagcaggtc	cactataggt	ccggtggaca	ggggtgggcc	cccaggcgcg	ggaacacctg	840
ggggtgggcc	tggcacagga	atgtccagt	ctcccaagaa	atcgaaactcc	acaagcttgg	900
cttcccgcgg	acgtcctgag	ggagtctcat	ttgcaccgtg	catgctgctg	gtctcgggtg	960
ccacggggac	tgggtctacca	ggactgtccc	tcaggagggg	gtcgaacttg	aggtataaag	1020
actgcttcct	caaggccgac	tccttaaacc	aggaagtctc	aaactgctcc	aggtaatcca	1080
cctccgcgcc	cgtgcctaga	acctcagcgg	ggtctctgaa	gctctcctct	ttcagctcca	1140
aggcaggctg	cccctgctga	tgggtggcca	ctggctcact	gcttgacag	cttggtggaa	1200
gcgagggtgct	ggcagagttc	aaggctctct	ccttgctctc	tgctgttggg	gtctcggctg	1260
ccaactgcac	cacaggcgtg	tcctccgctg	aggctgaatg	cagctgctgg	ctcagacagg	1320
gacctggctc	ctccgtggca	ggcccagcat	gcaactgttc	agccgctggc	tggcccagcc	1380
tggctctcagg	gctttctggg	ggctgggcct	cactgcaacc	agacttggtg	tcacctccga	1440
acgggatgaa	gtttgggtca	tccatthtgt	cccagtcgag	gtggtaagag	ccccgagaag	1500
ctggcatggg	ggggtcctct	cccgtccgc	tcctaccgtc	gtcctcctcc	acctcctgcg	1560
gggctttttg	ctgcctcact	gctgctttcc	tcaaggagg	cttgaggccg	gacctctctc	1620
ccagtctcct	tgggtggggg	gcccttttgc	tgggtgggcc	atcagataca	tcaaattcta	1680
gttttcagggt	ccgtctcctg	aggagctggc	catttggcct	gcagccactt	cttcttgagg	1740
actcagggtc	atggccctgc	cagccaccag	gtggttggtt	ggggtgtgtc	tctcaggagc	1800
agagggtgtg	gcacaggtaa	gggtctgagt	gccatctgct	ggcacggggg	tgcccacacc	1860
cgcagggcag	cccagggtct	cgccaggcag	accctgcagg	ggtgctcctc	cgcaggcttc	1920
cttagggatt	gcaccaggag	gcgaagtggc	cactgctgcg	ggagcacaga	ccccaccgtg	1980
ccggcatttc	tcctcggtc	cgtgcggagt	ctccgctttg	cattcttcct	cggtccgtg	2040
cggagtctcc	gctttgtgct	gggactctgt	cctgcaaggg	tcttctaggg	tctcagaggc	2100
gggtgtcact	cttctgtcta	aggaatagga	acttaagggt	ttcctccacg	gcttgtctca	2160
ggactgcca	gacacttttc	ctggagacac	catttgggtc	tcagaacttc	ctgggtctctg	2220
ggaagagctt	gagcagttca	ggtcagccag	ggcacctggg	ccagactcgc	tggagctgcc	2280
actcccaaag	gctgggcttg	catccccag	gaggtcgggt	tcagcctcca	ctgggttctg	2340
tagaattcca	tgagtagttt	tggcatccac	ttccttgatg	agctgttggt	tctctttctg	2400
tgtccagacc	gggtgtgagt	tttccagtc	aagggtgtca	tcctgagtga	aaggagcctc	2460
aagtttgctg	gccatgctag	gacttagaat	cctgtgctgt	ctgtggatcc	ccgcagaggt	2520
gtctgaaaag	tcaccttcat	agcttttggc	caggttcttg	ggtggcacat	tttctttctg	2580
tgacacacga	agaacagacg	atcttccggg	aacttctggt	ggcgaaaaca	ggaagtcgca	2640
attttctgta	tttttttcat	tgtgtgacatt	tttgtcgttt	aagacctgca	gactcattct	2700
gcccggccgc	ccgttgccgg	gctctgagcc	cgcgccggcg	ccgccaggaa	ggaggggtcc	2760
gcgtctgctc	cacgccgggg	gccaaacctg	gctgcta			2797

<210> 6397
 <211> 2413
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2414)
 <223> n = a,t,c or g

 <220>

<221> misc_feature
 <222> (124)...(1406)
 <223> similar to gi4454851 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6397

cgaagttttcc	gaagaagtaa	aatagaaaga	agaccttttt	tgaaatgacc	tgtgttagtc	60
acctctctca	ggatgcgtga	ggcggacacg	ttgaggccac	ctcagctgat	ggaagtttcc	120
gctgacatca	tctctaccgt	tgagttcaac	cacacgggag	agctgctggc	cacaggtgac	180
aagggcggcc	gggtcgtcat	cttcacgcg	gaaccagaga	gtaaaaatgc	gccccacagc	240
cagggcgaaat	acgacgtgta	cagcactttc	cagagccacg	agccggagtt	tgactatctc	300
aagagcctgg	agatagagga	gaagatcaac	aagatcaagt	ggctcccaca	gcagaacgcc	360
gcccactcac	tcctgtccac	caacgataaa	actatcaa	tatggaagat	taccgaacga	420
gataaaaggc	ccgaaggata	caacctgaag	gatgaagagg	ggaaacttaa	ggacctgtcc	480
acggtgacgt	cactgcaggt	gccagtgtct	aagcccatgg	atctgatggg	ggaggtgagc	540
cctcggagga	tctttgcaa	tggccacacc	taccacatca	actccatctc	cgtcaacagt	600
gactgcgaga	cctacatgtc	ggcggatgac	ctgcgcac	acctctggca	cctggccatc	660
accgacagga	gcttcacccc	cagacatcgt	ggacatcaag	ccggccaaca	tggaggacct	720
tacggaggtg	atcacagcat	ctgagttcca	tccgcaccac	tgcaacctct	tcgtctacag	780
cagcagcaag	ggctccctgc	ggctctgcga	catgcgggca	gctgccctgt	gtgacaagca	840
ttccaagctc	tttgaagagc	ctgaggaccc	cagtaaccgc	tcattcttct	cggaaatcat	900
ctccatccgt	gtccgcagctg	aagttcagcc	acagcgaccg	ctacatgctc	acccgggaac	960
taccttacag	tcaaggtctg	ggacctgaaa	catggaggca	agacccatag	agacctacca	1020
ggtccatgac	taccttcgga	gcaagctctg	ttccctgtac	gagaacgact	gcattttcga	1080
caagtttgaa	tgtgcctgga	acgggagcga	cagcgtcatc	atgaccgggg	ccatacaaca	1140
acttcttcgc	catgttcgat	cggaaacacca	agcgggacgt	gaccctggga	ggcctcgagg	1200
gaaagcagca	agccccgggc	tgtgctcaag	ccacggcgcg	tgtgcgtggg	gggcaagcgc	1260
cggcgtgatg	acatcagttg	ggacagcttg	gacttcacca	agaagatcct	gcacacggcc	1320
tggcaccggg	ctgagaacat	cattgccatt	gccgccacca	acaacctgta	catcttccag	1380
gacaaggtaa	actctgacat	gcactaggta	tgtgcagatc	ccggccccctg	ccaccagacc	1440
tcatgcaagt	catccccgac	atgaccttca	cgaccgcaat	gcaaggaggg	gaagaaagtc	1500
acagcactga	tgaggacagc	tgcagaggtg	gcagtgtgtg	gacacaggaa	gtttggggccc	1560
cctccctgcc	ccagctttcc	taggccagaa	ttgtgtttgg	cagtaattgt	ctgtttaaaa	1620
aaataaaaag	gaaagggaagc	gttcaccgcc	acaaatcata	aaatggacat	gactgtggag	1680
tcttacagtt	cagggttctt	tcattcacgt	cccttcctgt	ctcgggtctgc	ggtctttacc	1740
acatcaatag	gactttttat	gcgtccgggt	taatttttca	ctccagtgcg	tcctgttgca	1800
gggaccggag	ctgatgggag	ctgcttctcc	cccatgcctc	actggtccca	gatcagggct	1860
ccaggggacag	atgatgagtc	tcaaacgagc	cagccagggg	ttcttttggg	tataaatggg	1920
gcaattcgcc	ctgtctcaga	gctgatgacc	tcaccgttgt	tttttggtatg	gtgaattcat	1980
gctgagaatt	tgcagatgca	agctcctctc	ctaggtcttc	tgaatgtctt	gaaacatccc	2040
aggtcccagg	tctggtgcgg	tttcccagaa	ggagcggagt	ggggtttgtc	ttctgtgtgc	2100
ctgtgtcctc	atctgattca	cctgccattt	gctgagcctc	tgctgtgtac	caggcgtggt	2160
gctcagccct	agaggcagtt	gacttacccc	ctgcagccct	ccctgccgcc	tcacccttca	2220
gcattcactg	ggcacccttc	cggagcggac	actgactccc	atgcacgatt	ttttggaatc	2280
ttcctcctga	ctgtgaggtg	ggtgttcatt	catttcctcc	ataaacacca	acttctcgaa	2340
gcgtgcctcg	tgccaagctg	gcgtaatgtg	gttacgatgt	cttcatttnt	caggcnnccg	2400
gcctctgaca	ccc					2413

<210> 6398

<211> 1668

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (361)...(1647)
 <223> similar to gi3021428 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6398

agcggccgcg	accgccgggg	acgagcttgg	aggaaaagga	accgggagcc	gcccacccgg	60
gggcgctctc	cggacccccca	gggtcctagc	gcgcggccct	taccgagcct	gggcgcccgg	120
atttcggcag	cggatcgccct	ttccgggttg	gcggcccgcc	tgattgggaa	cagccggccg	180
gttgccgggg	gaacgcggga	gtcgggcccg	acctgagcca	cgcgggcttg	gtgcccacct	240
gtgcgcgccg	cctgcgaaga	aggaacggtc	tagggagaag	gcgcgcgccg	ccgcccccg	300
ccccaccgcg	gccgtcgctg	gagagttcga	gccgcctagc	gcccctggag	ctccccaaac	360
atgaagccca	acttctccct	gcgactgcgg	atcttcaacc	tcaactgctg	gggcattccg	420
tacttgagca	agcacggggc	cgaccgcatg	aggcgccctg	gagactttct	gaaccaggag	480
agcttcgacc	tggcttttgc	ggaggaggtg	tggagtgagc	aggacttcca	gtacctgaga	540
cagaagctgt	cacctacctt	cccagctgca	caccacttcc	ggagcggaat	cattggcagt	600
ggcctctgtg	tcttctccaa	acatccaatc	caggagctta	cccagcacat	ctacactctc	660
aatggctacc	cctacatgat	ccatcatggt	gactggttca	gtgggaaggc	tgtggggctg	720
ctggtgctcc	atctaagtgg	catggtgctc	aacgcctatg	tgacccatct	ccatgccgaa	780
tacaatcgac	agaaggacat	ctacctagca	catcgtgtgg	cccaagcttg	ggaattggcc	840
cagttcatcc	accacacatc	caagaaggca	gacgtggttc	tgttgtgtgg	agacctcaac	900
atgcacccag	aagacctggg	ctgctgcctg	ctgaaggagt	ggacagggct	tcatgatgcc	960
tatcttgaaa	ctogggactt	caagggtctc	gaggaaggca	acacaatggt	acccaagaac	1020
tgctacgtca	gccagcagga	gctgaagcca	ttcccttttg	gtgtccgcat	tgactacgtg	1080
ctttacaagg	cagtttcttg	gtttttacatc	tcctgtgaaga	gttttgaaac	cactacaggc	1140
tttgaccctc	acaggggcac	ccccctctct	gatcatgaag	ccctgatggc	tactctgttt	1200
gtgaggcaca	gccccccaca	gcagaacccc	agctctaccc	acggacccag	cagagaggtc	1260
gccgttgatt	gtgtgtgctt	aaaggaggcc	ttggacggga	gcttgggtct	gggcatggct	1320
tcaggctcgc	tgggtgggcca	accttcgcat	agctatgtga	ttggcctggg	gctgcattct	1380
cctggcactg	ctgtgtgtcc	tggcggctgg	aggaggggcc	ggggaagctg	ccatactgct	1440
ctggaccccc	agtgtagggc	tgggtgctgtg	ggcaggtgca	ttctacctct	tccacgtaca	1500
ggaggtcaat	ggcttatata	gggcccaggc	tgagctccag	catgtgctag	gaagggaag	1560
ggaggccag	gatctggggc	cagagcctca	gctctatgcc	ctactctctg	gggcagcagg	1620
agggggacag	aactaaagaa	caataaagct	tggcccttta	aaaaaaaa		1668

<210> 6399
 <211> 1728
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (32)...(1697)
 <223> similar to gi695802 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	6399						
gggcaatttc	ggaatcctag	gcgcgggatct	cgcgtttccg	gccggaaggc	ttctccagcc		60
tttcccgga	gctgcgctcg	ctaccgcgggt	aacgggtccc	ggctgtggaa	gctccgcgg		120
cgccgcgatg	gacctcgagg	agtcggaaga	gtttaagaa	cgctgtactc	agtgtgctgc		180
tgtctcatgg	ggtcttactg	atgaaggcaa	atattattgc	acttcttgcc	acaatgttac		240
agagagatat	caggaagtta	caaacactga	tcttattcct	aatacccaa	taaaagccct		300
caaccggggg	cttaaaaaaa	aaaacaatac	tgaaaaaggc	tgggattggg	atgtgtgtga		360
aggtttccag	tatattcttt	atcaacaagc	agaagcctta	aagaaccttg	gagtaggccc		420
agagttaaag	aacgatgttt	tacataattt	ttggaagcgc	taccttcaga	agagcaagca		480
ggcatattgt	aagaacccag	tttataccac	tggaaggaaa	cctacggtat	tagaagataa		540
tctaagtcac	tcagactggg	ctagtgcgac	tgagctgcta	agtgatgtca	gctgtcctcc		600
ttttcttgaa	agtggagcgg	agtctcagtc	tgacatccac	actcgaaaac	ctttccccgt		660
cagcaaagca	tcacaatcag	aaacgtctgt	ctgctctgga	tctctggatg	gagttgaata		720
ctcacaaagc	aaggagaagg	gaatcgtgaa	gatgacctatg	ccacagacac	ttgccttctg		780
ttatctgtcc	ttactttggc	agagagaagc	aataacactt	tcagatcttt	tgaggtttgt		840
tgaagaggac	catatttcct	acataaaatgc	ttttcagcat	tttcagaac	agatgaaatt		900
atatggacgt	gacagaggaa	tctttggtat	agagtcttgg	cctgactacg	aggacatcta		960
taaaaaaaca	atagaagttg	gaacattttt	agatttgcct	cgttttccag	acataactga		1020
agactgctat	cttcatccca	acatactgtg	tatgaaatac	ttgatggaag	tcaacctccc		1080
tgatgaaatg	catagcttaa	cttgccacgt	ggtaaaaatg	actggaatgg	gagaagtgga		1140
ttttctgaca	tttgatccta	tagccaaaat	ggcaaaagct	gttaagtacg	atgtacaagc		1200
tgtagctatc	attgtggtgg	tattgaaact	gctctttcta	atggatgaca	gtttcgagtg		1260
gtctttgtct	aatcttgctg	aaaagcataa	tgaaaagaac	aaaaagata	agccatgggt		1320
tgatttcaga	aagtggtagc	aaattatgaa	gaaagctttt	gatgagaaaa	aacaaaaatg		1380
ggaagaagca	agggccaaag	acctgtggaa	aagtgaaaag	ccactctact	actcatttgt		1440
cgacaaacca	gtagcatata	aaaaaagaga	aatggtgggtg	aatctacaga	aacaatttag		1500
cacactggctc	gattcaacag	caactgctgg	aaaaaaaagc	ccttcaagtt	ttcagttcaa		1560
ctggactgaa	gaggcaactg	atagaacgtg	tttccatgga	cacagccttc	agggagtcct		1620
gaaagagaaa	ggccaatcac	tgctgactaa	gaattcatta	tattggctta	gtacacagaa		1680
attctgcaga	tggttaataat	gctttttaaaa	aaagtccacat	ataattga			1728

```
<210> 6400
<211> 3397
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (247)...(3195)
<223> similar to gi2224531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6400						
ggaattcgca	cccccaagtt	ctgtgactcc	ccgaccagtg	acctggaaat	gcgcaatggc		60
cgggtagag	gcaaacgcac	gcgtcccaac	agtaatacac	ctgtcaatga	gacagccaca		120
gcctctgaca	gcaaagggac	cagtaacagc	agcaaaaccc	gggcaggagc	caatagcaaa		180
ggccgtcggg	gcagccagaa	ttcttcagag	caccgcccac	ctgccagcag	cacttctgag		240

gatgtcaagg	ccagcccttc	ctcagcta	aagcggaaaa	acaaacccct	ttcagacatg	300
gagctgaatt	ctagctcaga	ggactccaaa	gggagcaagc	gtgtccgtac	taattccatg	360
ggctcagcca	ctggccccct	tcttgggaca	aaggtagaac	ccactgttct	ggacagaaac	420
tgccccctcc	ccgtccta	tgactgtccc	cacccaaact	gcaacaagaa	gtacaagcac	480
atcaatggac	ttaagtacca	ccaagctcat	gccatacag	atgatgacag	caagccggaa	540
gcggatgggg	acagtgagta	cggagaggaa	cctattctcc	atgcagatct	tgggagctgc	600
aacggtggca	tctgtctcac	aaaaaaggtt	ccttgtcccc	tgcccgtctc	gctacccccca	660
aagttcgact	tgtagagccc	catagccctt	ctccttcaag	caaattcagc	acaaaaggcc	720
tctgtaagaa	aaagttgagt	ggggaagggg	acacagacct	tggggcctta	tccaatgatg	780
gctctgatga	tggaccctca	gtgatggatg	aaacaagcaa	tgatgccttt	gattcttttag	840
aaaggaagtg	tatggaaaaa	gaaaaatgta	aaaaacccct	tagtttaaaa	cctgaaaaga	900
ttccttccaa	gagcctaag	tcagcccgtc	ccattggccc	ctggccatcc	ccccacagca	960
aatctacacc	ttccagacag	ccaccctcac	agcagcgagc	ccaggctctt	cctcaggctt	1020
gaccgccaca	gtggcacaag	ccatgcccac	cagtccccaa	ctcaagccca	ttcagcccaa	1080
gccactggtt	atggggagaac	ctttcacagt	caaccctgcc	ttgactccag	ccaaggacaa	1140
gaaaaagaaa	gacaaaaaaa	agaaggaatc	ttcaaaggaa	cttgaaagtc	ctctgacccc	1200
tgggaaggtg	tgtcgagcag	aggaaggcaa	aagcccattc	agggaatctt	caggaaatgg	1260
gatgaaaatg	gaggggctcc	taaatggctc	atcagacccc	caccaaagcc	gactggctag	1320
catcaaggct	gaagccgaca	agatctacag	tttcacggac	aatgccccca	gcccttccat	1380
tggaggcagt	agccgccttg	aaaacactac	ccctactcag	cccctgactc	ccttacatgt	1440
ggtgaccag	aatggagctg	aagccagctc	agtcaaaacc	aacagccctg	catactctga	1500
catctctgat	gctggggagg	atggggaggg	caaggtagac	agtgtcaaat	caaaggacgc	1560
cgaacagttg	gttaaagaag	gggctaagaa	aactcttttt	ccccctcagc	ctcagagcaa	1620
agactcacca	tattaccaag	gctttgagag	ttactattct	ccaagttagt	cacagtccag	1680
ccctggggct	ctgaacccca	gcagccaggc	aggagtggag	agccaggccc	tgaagacaaa	1740
aagggatgag	gaacctgaga	gcatagaagg	gaaagtgaag	aacgatatact	gtgaagaaaa	1800
gaagcccag	ctgagcagtt	ccagtcagca	gccctcggtc	atccagcagc	gtcccaatat	1860
gtacatgcag	tccctgtact	acaaccagta	tgcctatgta	ccccctatg	gctacagcga	1920
ccagagttac	cacaccacc	ttctgagcac	taacacggct	taccggcagc	agtacgaaga	1980
acagcagaaa	cgccagagct	tagagcagca	gcagcgggga	gtggacaaga	aggcagagat	2040
gggcctgaag	gagcgggagg	cagcactcaa	ggaagagtgg	aagcaaaagc	cgtcaattcc	2100
accaactctc	accaaggccc	ccagcctgac	agacctgggtg	aaatcaggac	ctggcaaggc	2160
caaggagcca	ggggctgacc	cagccaaatc	agtcattcatt	cccaagttag	atgactcttc	2220
aaaactccc	ggccaggccc	ctgaaggcct	taaagtgaag	ctgagtgatg	ccagccacct	2280
aagcaaggag	gcctctgagg	ccaagacagg	tgtctgagtgt	ggtcgacagg	cagagatgga	2340
tccaatactc	tggtagcgac	aggaggcaga	gccccggatg	tggacatatg	tttatcctgc	2400
caagtactca	gacatcaagt	cagaggatga	gcggtggaag	gaggagcggg	accgcaaatt	2460
gaaggaggaa	aggagtcgga	gtaaggactc	tgtccccaag	gaagatggga	aggaaagcac	2520
aagtagtgac	tgcaagctgc	ccacgtcaga	ggagtctcgc	cttggggagca	aggagccccg	2580
gccaaagtgtc	catgtgcctg	tgtcctcccc	acttaccacag	caccagtcct	acatccccta	2640
catgcacggc	tattcctaca	gtcagtccta	cgaccccaac	caccccagct	accggagcat	2700
gctgtctgtg	atgatgcaga	actaccacag	ttcctacctg	ccttccagct	actctttttc	2760
cccatatggc	agcaaggctc	caggtggtga	agatgctgac	aaggcacgag	ccagccccag	2820
tgtgacttgt	aaatccagct	cagagtccaa	agccctggac	atcttgacag	agcatgccag	2880
tactacaag	agcaagtctc	ccacgataag	tgataaaact	tctcaggaga	gagatcgagg	2940
aggctgtggg	gtggttgggg	gtggtggcag	ctgtagcagc	gtcgggggag	caagtggggg	3000
tgaacggagt	gttgaccggc	cccgacctc	tcttcccag	cgctgatgt	ccacacacca	3060
ccaccaccac	cacttggggg	actcattgct	cccagcacag	tacaacttac	cctatgcagc	3120
agggttttct	tctacagcca	ttgttgccag	ccaacaaggc	tcaactccct	cactctaccc	3180
accccccagg	agggtgagaat	gacaccaagt	gccccgataa	agtcagcttc	acggggccccg	3240
actggcttac	ccaaggagg	gctgaagggt	ccgttttagac	atcagttaaa	tgggtgtgat	3300
catcctgttt	gccgtttcca	ccatgactga	aggcagaccc	ttggctatct	cacctccacc	3360
aagacctccg	ggactacctg	accctacctc	ttcctca			3397

<210> 6401
 <211> 1432
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (218)...(1090)
 <223> similar to gi3169211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6401
 tggggcgacc cacgcgtccg ggccggagac agagacttca cgactcccag tctcctcctc 60
 gccgcggccg ccgcctcctc cttctctcct cctcctcttc ctctcctcc ctcgctccca 120
 cagccatgtc tgcttagacc agagcagccc cacagccaac tagggcagct gccgccgcca 180
 caacagcaag gacagccgct gccgccgccc gtgagcgatg acaggagtgt ttgacagaag 240
 ggtccccagc atccgatccg gcgacttcca agctccgttc cagacgtccg cagctatgca 300
 ccatccgtct caggaatcgc caactttgcc cgagtcttca gctaccgatt ctgactacta 360
 cagccctacg ggggggagccc cgcacggcta ctgctctcct acctcggctt cctatgggca 420
 aagctctcaa cccctaccag tatcagtatc acggcgtgaa cggctccgcc gggagctacc 480
 cagccaaagc ttatgccgac tatagctacg ctagctccta ccaccagtac ggcggcgcct 540
 acaaccgcgt cccaagcgcc accaaccagc cagagaaaga agtgaccgag cccgaggtga 600
 gaatggtgaa tggcaaacca aagaaagttc gtaaaccag gactatttat tccagctttc 660
 agctggccgc attacagaga aggtttcaga agactcagta cctcgccttg ccggaacgcg 720
 ccgagctggc cgcctcgtcg ggattgacac aaacacaggt gaaaatctgg tttcagaaca 780
 aaagatccaa gatcaagaag atcatgaaaa acggggagat gccccggag cacagtccca 840
 gctccagcga cccaatggcg tgtaactcgc cgcagtctcc agcgggtgtg gagccccagg 900
 gctcgtcccg ctcgctcagc caccaccctc atgcccaccc tccgacctcc aaccagtccc 960
 cagcgtccag ctacctggag aactctgcat cctggtacac aagtgcagcc agctcaatca 1020
 attccacact gccgccgcg ggctccttac agcaccgcgt ggcgctggcc tccgggacac 1080
 tctattagat gggctgctct ctcttactct cttttttggg actactgtgt tttgctgttc 1140
 tagaaaatca taaagaaagg aattcatatg gggaggttcg gaaaactgaa aaagattcat 1200
 gtgtaaagct tttttttgca tgtaagttat tgcatttcaa aagaccccc ctttttttac 1260
 agaggacttt ttttgcgcaa ctgtggacac tttcaatggt gccttgaaat ctatgacctc 1320
 aacttttcaa aagacttttt tcaatgttat tttagccatg taaataagt tagatagagg 1380
 aattaaactg tatattctgg ataaataaaa ttatttcgac catgaaaagc gg 1432

<210> 6402
 <211> 1428
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (305)...(1251)
 <223> similar to gi4929679 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6402
cccgtttctc gctggagtgc gcaccgagcg gcagtgactt cgccgctgct gtagttcccc 60
ggctggatgc ggtgactggt gccagtgtc aggcgcccgc tgcccttgac ctcccgcccc 120
gcgagcccta actcagcgca ggaggaccgg ctgccgccgc cgccgccgcc agcagagcca 180
agcacagtgg gaactttcag aaagcactgg ttgaaggaac gctggaatcc ctgggactta 240
ctgcgtagca tgtagtagtt gtcctctac aaaagtcca ccttatgaag tatagcaggc 300
tctgatgctg gtgtctggta gaagaagatt actcacagct ctgctgcagg ctcaagaagt 360
gccctttcaa ccctccagag acatgagact agtgcaagtc cgggcacccc acctgggtggg 420
gcctcacttg ggctggaga cagggaatgg tggaggggtt atcaacctca atgcctttga 480
ccccacactc ccaaagacga tgacgcagtt cctagagcag ggagaggcca ccctctcagt 540
ggcaagaaga gccttggctg ccagttgcc agtcctacca tggtcggagg taaccttcct 600
ggctccagtc acatggccag ataaggtggg gtgtgtgggc atgaattatg tggaccactg 660
caaagaacag aacgtgcccg tgcccaagga gcccatcatc ttcagcaagt ttgccagctc 720
catcgtgggg ccctatgatg aggtgggtcct cccaccacag agccaggagg tagattggga 780
agtggagctg gccgtggtca ttggaaaaga aggcaagcac atcaaggcca cagatgccat 840
ggcccacgtg gccggttca ctgtggctca tgacgtgagt gctcgtgact ggctaacaag 900
acgcaatggg aaacagtggc tgctgggaaa aaccttcgac accttctgcc ctctgggccc 960
tgccttggtg accaaggaca gtgtagcaga tccacacaac ttaaagatct gctgccgagt 1020
gaatggggaa gtcgtcccag agcagcaaca ccaaccagat ggtattcaag acagaggacc 1080
tgatagcctg ggtctcccag tttgttacct tttaccagg ggatgtcatc ctaactggga 1140
cccccccagg tgtcggtgta ttcaggaaac ctctgtctt tctcaagaag ggggatgaag 1200
tccagtgtga gattgaagaa ctaggtgtca tcatcaacaa ggtggtgtga tggctcctgc 1260
acaggcccca cataggatga gggcatctgc tcccactcag cctagcccag ggaaaggccc 1320
agtggcaggt gtgggcaggt gccagccctg caagccgcct cttctcggtg gaagggagaa 1380
ggacagagct ctcttcaata aatgcgtcgg gtcaaaagcaa aaaaaaaaa 1428

```

```

<210> 6403
<211> 3380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(3065)
<223> similar to gi3811347 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6403
ctgatacccc agcttggcac ggggacgcag ccatggcgga ggcggctttg gaagccgtgc 60
ggagcgagtt acgagaattc ccggccgctg caagggagct ctgctgcct cttgctgtgc 120
cctacctgga caaacccccca actccgctcc acttctaccg ggactgggtc tgccccaaca 180
ggcgtgcat tatccgcaac gctctgcagc actggccggc cctccagaag tggctccctcc 240
cctatttcag agccacagtg ggctccacag aggtgagtggt ggccgtgacc ccagatgggt 300
acgcggatgc cgtgagaggg gatcgcttca tgatgccagc tgagcgccgc ctgcccctga 360
gcttcgtgct ggatgtgctg gagggccggg cccagcacc tggagtctc tatgtgcaga 420
agcagtgtc caacctgccc agcgagctgc cccagctgct gcctgatctg gaatcccatg 480
tgccctgggc ctccgaagcc ctgggaaaga tgcccgatgc tgtgaacttc tggctggggg 540
aggcggctgc agtgacttct ttgcacaagg accactatga gaacctctac tgcgtggtct 600

```

caggagagaa	gcatttcctg	ttccatccgc	ccagcgaccg	gcccttcac	ccctatgagc	660
tgtacacgcc	ggcaacctac	cagctaactg	aagagggcac	ctttaagggtg	gtggatgaag	720
aggccatgga	gaaggcagag	gtgtccagga	cctgcctgct	cacggttcgt	gtcctgcagg	780
cccatcgct	accctctaag	gacctagtga	ccccctctga	ctgctacgtg	actctctggc	840
tgcccaacggc	ctgcagccac	aggctccaga	cacgcacggt	caagaacagc	agtagccctg	900
tctggaacca	gagctttcac	ttcaggatcc	acaggcagct	caagaatgtc	atggaactga	960
aagtctttga	ccaggacctg	gtgaccggag	atgaccctgt	gttgtcagta	ctgtttgatg	1020
cggggactct	gcgggctggg	gagttccggc	gcgagagctt	ctcactgagc	cctcaggggtg	1080
aggggcgct	ggtaagttga	atttcgcctg	cagagtctgg	ctgaccgtgg	cgagtggctc	1140
gtcagcaatg	gcgttctggg	ggcccgggag	ctctcctgct	tgcacgttca	actggaggag	1200
acaggagacc	agaagtccct	agagcacaga	gttcagcttg	tggttcctgg	gtcctgtgag	1260
ggtccgcagg	aggcctctgt	gggcactggc	accttccgct	tccactgccc	agcctgctgg	1320
gagcagagag	tgagtattcg	cctgcaggat	gcccccgagg	agcaactaaa	ggcgccactg	1380
agtgcctgct	cctctgggtca	agtgggtgag	cttgtcttcc	ccacgtccca	ggagcccctg	1440
atgagagtgg	agctgaaaaa	agaagcagga	ctgaggggagc	tggccgtgcg	actgggcttc	1500
gggccctgtg	cagaggagca	ggccttcctg	agcaggagga	agcagggtgg	ggccgcggcc	1560
ttgaggcagg	ccctgcagct	ggatggagac	ctgcaggagg	atgagatccc	agtggtagct	1620
attatggcca	ctggtggtgg	gatccgggca	atgacttccc	tgtatgggca	gctggctggc	1680
ctgaaggagc	tgggcctctt	ggattgcgtc	tcctacatca	ccggggcctc	gggctccacc	1740
tgggccttgg	ccaaccttta	tgaggacca	gagtggcttc	agaaggacct	ggcagggccc	1800
actgagttgc	tgaagacca	ggtgaccaag	aacaagctgg	gtgtgctggc	ccccagccag	1860
ctgcagcggt	accggcagga	gctggccgag	cgtgcccgct	tgggctaccc	aagctgcttc	1920
accaaacctgt	gggccctcat	caacgaggcg	ctgctgcatg	atgagcccca	tgatcacaag	1980
ctctcagatc	aacggggagg	ccctgagtca	tggccagaac	cctctgcccc	tctactgtgc	2040
cctcaacacc	aaagggcaga	gcttgaccac	ttttgaattt	ggggagtggg	gcgagttctc	2100
tccctacgag	gtcggcttcc	ccaagtacgg	ggccttcaat	cccctctgag	ctctttggct	2160
ccgagttctt	tatggggcag	ctgatgaaga	ggcttcctga	gtcccgcac	tgtctcttta	2220
gaaggtatct	ggagcaacct	gtatgcagcc	aacctccagg	gacagcttat	actgggcctc	2280
agagcccagc	caattctggg	gaccgctggg	gtcaaggaac	caggccaacc	tgggacaagg	2340
agcaggtccc	ccttctgaag	atagaagaac	cacctcaac	agccggcagc	atagctgagt	2400
ttttcaccca	tcttctgacg	tggcgctccac	tggcccaggc	cacacataat	ttcctgcgtg	2460
gcctccattt	ccacaaaagc	tactttcagc	atcctcactt	ctccacatgg	aaagctacca	2520
ctctggatgg	gctccccaac	cagctgacac	cctcggagcc	ccacctgtgc	ctgctggatg	2580
ttggctacct	catcaatacc	agctgcctgc	ccctcctgca	gcccactcgg	gacgtggacc	2640
tcatcctgtc	attggactac	aacctccacg	gagccttcca	gcagttgcag	ctcctgggcc	2700
ggttctgcca	ggagcagggg	atcccgttcc	cacctatctc	gcccagcccc	gaagagcagc	2760
tccagcctcg	ggagtgccac	accttctccg	accccacctg	ccccggagcc	cctgcgggtg	2820
tgcactttcc	tctggtcagc	gactccttcc	gggagtactc	ggcccctggg	gtccggcgga	2880
cacccgagga	ggcggcagct	ggggagggtga	acctgtcttc	atcggactct	ccctaccact	2940
acacgaaggt	gacctacagc	caggaggacg	tggacaagct	gctgcacctg	acacattaca	3000
atgtctgcaa	caaccaggag	cagctgctgg	aggctctgcg	ccccaggcag	tgcaaacgga	3060
aggcggcagc	gcaaggcccc	cactgatggc	cggggccccct	gcccaccccc	taactctcat	3120
tcattcccct	ggctgctgag	ttgcagggtg	gaactgtcat	tcacgcagtg	cttcagagcc	3180
tcgggctcag	gtggcactgt	cccagggtcc	aggctgaggg	ctgggagctc	ccttgccgct	3240
cagcagtttg	cagtggggta	aggaggccaa	gcccatttgt	gtaatcacc	aaaaccccc	3300
ggcctgtgcc	tgttttccct	tctgcgctac	cttgagtagt	tggagcactt	gatacatcac	3360
agactcatc	aaaaaaaaa					3380

<210> 6404
 <211> 1879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (303)...(1301)
 <223> similar to gi3334739 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6404

gggctcacgt	tgtacgttca	catcaggtcc	cggcccgcgc	gaacctgggc	gatccacgat	60
gccgagtttg	ccacgctgcg	acagcccata	ggcttgcccc	cccgggcatt	cgggtggact	120
acgaacacaa	actgaagccc	taggacttgt	cgcccgtttg	cgctctcgcc	gaggcacagg	180
ctgctcgcgg	accaccctgc	tccgaaaacc	taagaggtag	gtggtagccc	attcatctgg	240
ttactgatac	tggccggcat	cagtggactt	gtcggcaggt	ccttgagcaa	ctggtgtgtg	300
aaatgggacg	gacgtcaaaa	ggacaagccg	ggatgtctac	taccggcctt	ggccaaggag	360
aatggctggc	gtgcttcgca	gcgcctttca	aactgcttac	aattggataa	ggaatttcca	420
actgtttcca	aggccttgac	acgggcagtt	gacctgtgtg	cagccccagg	cagctggagc	480
caggtgctga	gccagaagat	cgggggcca	gggtccggcc	acgtggtggc	tgtggacctg	540
caggctatgg	ctccactacc	aggtgtggta	cagatccagg	gggacatcac	ccagctgtcc	600
actgccaagg	agatcatcca	gcactttaag	ggctgccttg	cggacctagt	ggtgtgtgac	660
ggggctcctg	atgtaaccgg	tctccatgat	gttgatgagt	atatgcaggc	ccagctcctc	720
ctagctgctc	tgaacattgc	tacacatgtc	ctgaagccag	ggggctgctt	tgtggccaag	780
atattccgag	gccgggatgt	gacgctcctc	tacagccagc	tgcaggctct	cttctccagc	840
gtgctgtgtg	ccaagcccag	gagcagccgg	aactctagca	tgcaggcctt	cgctgtctgt	900
cagggtatg	accctcccga	gggcttcac	ccggacctga	gcaaaccctt	gctggaccat	960
tcttacgacc	cagatttcaa	ccagctggat	ggtcccaccc	gcattcattgt	gccttttgtg	1020
acctgtgggg	acctgagctc	ctatgattcg	gaccgcagtt	acccactgga	cctagagggc	1080
ggctcagagt	acaagtacac	tccaccacac	cagcccccca	tctcgccacc	ataccaggag	1140
gcctgcacgt	tgaagaggaa	ggggcagctg	gccaaaggaga	tccgccccca	ggactgcccc	1200
atcagcagag	tggacacggt	tccccagccc	ctggccgccc	ctcagtgcca	caccctgctg	1260
gcccctgaga	tggaagacaa	tgaaatgagt	tggtcacctt	aaccattac	gctggcaaac	1320
tgatacaact	cagaaactgc	tcaatgtcag	gaaaaccgga	acttgttgat	gaacttgttt	1380
tcaaaatata	atctcatcaa	cgaggcctgg	acaaacaagc	cctgaggagg	gatctgcaac	1440
aaccctgaag	acaacaagga	aagaaaccat	gaaagtctgt	ctgtactgca	gtgggaattc	1500
ttgagtgaag	tcttacctct	tctttaaac	tcttcaggag	tgtcctgatt	atgtccagaa	1560
ttttccctaa	aggcagggat	tcttaacctg	gatagaagcc	aggggtaacc	atgaacttga	1620
tggaagaaaa	tgttacatct	ttattttcag	caatgaaact	gaaatttagc	cttactccca	1680
agttataaat	gctggcaaca	aatcacagta	gtaaaagcag	tacctgggat	tttcccacca	1740
atacaaacca	gttacagcaa	ctgtaatgta	acataaaaag	ggcatcttga	agtattgttc	1800
atatttgtca	cctcttgtaa	tgatagcaga	tcctgtaagt	tgatgtatta	attaaaaagc	1860
ccatatatta	ctgcatctc					1879

<210> 6405
 <211> 2021
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (232)...(1564)
 <223> similar to gil297274 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6405
ttctgttgatg acgcggctgc atgaattcag cacgaggatt ccgtgggtgg tggatgcatgg      60
ccgttcttag ttggtggagc gatttgtctg gttaattccg ataacgaacg agactctggc      120
atgctaacta gttacgcgac ccccgagcgg tcggcgctccc ccaacttctt agaggggacaa      180
gtggcggttca gccacccgag attgagcaat aacagggtctg tgacgcccag tatgagggag      240
atcgtgcaca tccaggccgg ccagtgcggc aaccagatcg gggccaagtt ctgggaagtc      300
atcagtgatg agcatggcat cgaccccagc ggcaactacg tgggcgactc ggacttgacg      360
ctggagcggg tcagcgtcta ctacaacgag gcctcttctc acaagtacgt gcctcgagcc      420
attctgggtg acctggaacc cggaaccatg gacagtgtcc gctcaggggc ctttggacat      480
ctcttcaggc ctgacaatct catctttggg cagagtgggg ccggcaacaa ctgggccaag      540
ggctactaca cggagggggc ggagctgggt gattcgggtcc tggatgtggt gcggaaggag      600
tgtgaaaact gcgactgcct gcagggtctc cagctgaccc actcgctggg gggcgggcacg      660
ggctccggca tgggcacggt gctcatcagc aagggtgcgtg aggagtatcc cgaccgcatc      720
atgaacacct tcagcgtcgt gccctcacc aagggtgtcag acacgggtggg ggagccctac      780
aacgccacgc tgtccatcca ccagctgggtg gagaacacgg atgagacct ctgcatcgac      840
aacgagggcg tctacgacat ctgcttccgc accctcaagc tggccacgcc cacctacggg      900
gacctcaacc acctggtatc ggccaccatg agcggagtca ccacctcctt gcgcttcccg      960
ggccagctca acgctgacct gcgcaagctg gccgtcaaca tggatgcctt cccgcgcctg     1020
cacttcttca tgcccggctt cgccccctc acagcccggg gcagccagca gtaccggggc     1080
ctgaccgtgc ccgagctcac ccagcagatg ttcgatgcca agaactgat ggccgcctgc     1140
gacccgcgcc acggccgcta cctgacgggt gccaccgtgt tccgcggggc gcatgtccat     1200
gaaggagggt gacgagcaga tgctggccat ccagagcaag aacagcagct acttcgtgga     1260
gtggattccc aacaacgtga aggtggccgt gtgcgacatc ccgccccgcg gcctgaagat     1320
ggcctccacc ttcacgcgca acagcacggc catccaggag ctgttcaagc gcatctccga     1380
gcagttctca gccatgttcc ggcgcaaggc cttcctgcac tggttcacgg gtgagggcat     1440
ggatgaaatg gagttcaccg aggcggagag caacatgaac gacctggtat ccgagtacca     1500
gcagtaccag gatgccaccg ccaatgacgg ggaggaagct tttgaggatg aggaagagga     1560
gatcgatgga tagtcggaat agagccgccc caactcagat cctacaacac gcaagttcct     1620
tcttgaaccc tggatgcctc taccctatgg ccctgaatgg tgcaetgggt taattgtgtt     1680
ggtgtcggcc cctcacaat gcagccaagt catgtaatga gtcatctgga acaaagacta     1740
aaaacagcag agaattgcg gttctaccca gtcagaagat cacaccatgg agactttcta     1800
ctagaggact tgaaagagaa ctgagggggc acaaaataaa cttcaccttc cattaagtgt     1860
tcaagcatgt ctgcaaatta ggagggaggt agaaacagtc tttttcatcc tttgtgatga     1920
agcctgaaat tgtgccgtgt tgccttatat gaatatgcag tatgggactt tgaaataatg     1980
attcataata aaataactaaa cgtgtgtctt caaaaaaaaa a                               2021

```

<210> 6406

<211> 1483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(1378)

<223> similar to gi202212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6406
gcgggcacgga ggagctcaac atgcgtgagt gtatctctat ccacgtgggg caggcaggag      60
tccagatcgg caatgcctgc tgggaactgt actgcctgga acatggaatt cagcccgatg    120
gtcagatgcc aagtgataaa accattggtg gtgggggacga ctcccttcaac acgttcttca    180
gtgagactgg agctggcaag cacgtgcccc gagcagtgtt tgtggacctg gagcccaactg    240
tggtcgatga agtgcgcaca gggacctaca ggcagctctt ccacccagag cagctgatca    300
ccgggaagga agatgcagcc agtaattacg ccaggggcca ttacaccatc ggcaaggaga    360
ttgttgacct agtcctggac cggatccgca aactggcgga tctgtgcaca ggactgcagg    420
gcttcctcat cttccacagc tttgggggcg gcaactggctc tgggttcgca tctctgctca    480
tggagcggct ctcaagtggat tacagcaaga agtccaagct agagtttgcc atttaccag    540
ccccccaggt ctccacagcc gtggtggagc cctacaactc catcctgacc acccacacga    600
ccttggaaaca ttctgactgt gccttcatgg tcgacaatga agccatctat gacatatgtc    660
ggcgcaacct ggacattgaa cgtcccacgt acaccaacct caatcgctg attgggcaga    720
tcgtgtcctc catcacggcc tccctgcgat ttgatggggc cctgaatgtg gacttgacgg    780
aattccagac caacctagtg ccgtaccccc gaatccaatt tccccatggc aactttacgc    840
cccaatcatc tcagctgaga aggctacca cgagcagctg tctgtggccg atatcaccaa    900
tgcctgcttc gagccagcca atcaaattgt caagtgtgac cctcgccacg gcaagtacat    960
ggcctgctgc atgttgtaca ggggggacgt ggggtcccaa agacgtcaac gcggccatcg   1020
ccaccatcaa gaccaagcgc accatccagt ttgtggattg gtgcccgaact ggatttaagg   1080
tgggcattaa ctaccagccc cccacagtgg tccccggggg agacctggcc aaggtgcagc   1140
ggggcgtgtg catgctgagc aacaccacgg ccattgcgga ggcttggggc cgcttgacc   1200
ataagttcga tctcatgtat gccaaagcgg cctttgtgca ctggtacgtg ggagaaggca   1260
tggaagaggg agagttctct gaggcccgcg aggacctggc agctctagag aaggattatg   1320
aagaggtggg cgtggattcc gtggaagctg aggttgaaga aggcgaagaa tactgagggg   1380
agggtgtggt gggttctcca ctccactgcc acccccatgc gtggctgctt tcaagttctt   1440
tgcaattaaa ggttctgtat aaaaccaaga aaaaaaaaaa aaa                      1483

```

```

<210> 6407
<211> 4427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(3811)
<223> similar to gi3327162 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6407
agagaccgtg ctggagttcg ccctgccgga aagcagcacg ccgcccgcggc attttacgac      60
gtcggcggtg acaggccctg ggactctggg aatacccagc ttccctccccg caaccgggtg    120
aaagccaacg caatgttcgg tgcgggggac gaggacgaca ccgatttcct ctgcggcagc    180
ggcggtgcca gattggcctc acttttttga ctggatcagg cagctgctgg ccatggaaat    240
gaatttttcc agtacacagc cccaaaacag cctaagaaag gccagggaac ggcagcaaca    300
ggaaatcagg caacaccaa aacagcacca gccaccatga gcactcccac aatactggtc    360
gcaacagcag tccatgcata tcgatacaca aatggtcaat atgtaaagca gggcaaattt    420
ggtgctgcag ttctggggaa ccacacaacc agagagtata ggattcttct ttatatcagt    480
caacaacagc cagttacggg tgctaggatt catgtgaact ttgagctaat ggttcggccc    540
aataactata gcacctttta tgatgaccag agacagaact ggtccatcat gtttgagtcg    600

```

gaaaaggctg	ctgtggagtt	caataagcag	gtgtgcattg	ctaagtgcaa	cagtacctct	660
tccctggatg	cagtgtctctc	ccaggacctc	attgtggcag	acggccctgc	tgtagaagtt	720
ggagattctt	tggaagtggc	ctataccggc	tggctctttc	agaatcatgt	gctggggccag	780
gttttcgact	ccactgctaa	caaagataag	ttgcttcgct	tgaagttagg	atcaggaaaa	840
gtcatcaagg	gctgggagga	tggaatgctg	ggcatgaaaa	aaggaggaaa	gcgattgctt	900
attgtccctc	cagcctgtgc	tgttggctca	gaaggggtaa	taggctggac	tcaagcaacg	960
gactcgatcc	tgggtgttca	ggtggaggtt	aggcgggtga	agattgcaa	agattctggc	1020
tctgatggtc	acagtgttag	ttcccgcgat	tctgcagctc	cgtctcccat	tcctgggtgct	1080
gacaacctct	ctgctgatcc	tgttgtgtca	ccaccacat	caataccttt	caaatcaggg	1140
gagccagctc	ttcgtaccaa	atctaactcc	ctcagtgaac	aacttgcaat	aaatacaagt	1200
cccgatgcag	tcaaagccaa	gttgatctct	cggatggcta	aaatgggcca	gcccattgctg	1260
cccatccttc	caccacagct	ggattccaat	gattcagaaa	tcgaagatgt	gaacactctg	1320
caaggagggtg	ggcagcctgt	ggtgactccg	tccgtccagc	cctctcttca	gccggcccat	1380
ccagcgttac	cacagatgac	ctcacaggca	cctcagccat	ctgttactgg	gctccaggca	1440
ccttctgctg	ccttaatgca	agtgtcatct	ctcgattccc	actcagctgt	atctggaaat	1500
gccaatcct	ttcagcccta	tgcaggatg	caagcctacg	cttatcccca	ggcatctgcc	1560
gtcacctccc	agctgcagcc	cgttcggcct	ttgtaccag	caccgctctc	tcagcctccc	1620
catttccaag	gatcagggtga	tatggcttca	tttctcatga	ctgaagcccg	gcaacataac	1680
actgaaattc	gaatggcagt	cagcaaagtg	gctgataaaa	tggatcatct	catgactaag	1740
gttgaagagt	tacagaaaca	tagtgctggc	aattccatgc	ttattcctag	catgtcagtt	1800
acaatggaaa	caagcatgat	tatgagcaac	atccagcgaa	tcattcagga	aaatgaaaga	1860
ttgaagcaag	agatccttga	aaagagcaat	cggatagaag	aacagaatga	caagattagt	1920
gaactaattg	aacgaaatca	gaggtatggt	gagcagagta	acctgatgat	ggagaagagg	1980
aacaactcac	ttcagacagc	cacagaaaac	acacaggcaa	gagtattgca	tgctgaacaa	2040
gagaaggcca	aggtgacaga	ggagtttagca	gcggccactg	cacaggtctc	tcattctgcag	2100
ctgaaaatga	ctgctcacca	aaaaaaggaa	acagagctgc	agatgcagct	gacagaaagc	2160
ctgaaggaga	cagatcttct	caggggccag	ctcaccaaag	tgcaggcaaa	gctctcagag	2220
ctccaagaaa	cctctgagca	agcacagtcc	aaattcaaaa	gtgaaaagca	gaaccggaaa	2280
caactggaac	tcaaggtgag	atccctggag	gaggaactga	ctgaccttcg	agttgagaag	2340
gagtccttgg	aaaagaacct	ctcagaaaag	aaaaagaagt	cagctcaaga	gcgttctcag	2400
gccgagggag	agatagatga	aattcgcaag	tcataccagg	aggaattgga	caaacttcga	2460
cagctcttga	aaaagactcg	agtgtccaca	gaccaagcag	ctgcagagca	gctgtcttta	2520
gtacaggctg	agctacagac	ccagtgggaa	gcaaaatgtg	aacatttggt	ggcctccgcc	2580
aaggatgagc	acctgcagca	gtaccaggag	gtgtgcgcac	agagagatgc	ctaccagcag	2640
aagctggtac	aacttcagga	aaagtctggt	tgttttgag	tgtttagccc	tccaggccca	2700
aatcacagct	ctcaccaagc	aaaatgaaca	gcacatcaag	gaactagaga	agaacaagtc	2760
ccagatgtct	ggggttgaag	ctgctgcac	tgacccctca	gagaagggtca	agaagatcat	2820
gaaccagggtg	ttccagtcct	tacggagaga	gtttgagctg	gaggaatctt	acaatggcag	2880
gaccattctg	ggaaccatca	tgaatacgat	caagatgggtg	actcttcagc	tgttaaacca	2940
acaggagcaa	gagaagggaag	agagcagcag	tgaagaagaa	gaagaaaaag	cagaagagcg	3000
gccacgaaga	ccttcccagg	agcagtcagc	ctcagccagt	tctgggcagc	ctcaagcacc	3060
cctgaatagg	gagaggccag	agtcccccat	ggtgccctca	gagcaggtgg	tcgaggaagc	3120
tgtcccgttg	cctcctcagg	ccctcaccac	ttcccaggat	ggacacagaa	ggaaagggga	3180
ctcagaagct	gaggcactct	cagagataaa	agatggttcc	cttccacccg	aactgtcttg	3240
catcccatcc	cacagagttc	tagggccccc	gacttcaatt	ccacctgagc	ccctaggccc	3300
tgtatccatg	gactctgagt	gtgaggagtc	acttgctgcc	agcccaatgg	cagctaaagc	3360
ccgacaaccc	atcaggggaa	ggtctgtgtc	agggaagtag	caccagatgg	cccactacaa	3420
gaaagctcca	caagactgtc	cctgacttca	ggaccccag	gagggggacc	cactggcctt	3480
agggcctgaa	agcccaggag	agcctcagcc	tcacagctc	aagaaagatg	atgtcactag	3540
ctccaccggt	ccccacaagg	agctgtcaag	cacagaggca	ggttccacag	ttgcaggagc	3600
agccctcaga	cccagccatc	attcccagcg	ttccagtctc	tctggggatg	aagaggatga	3660
actgtttaaa	ggggcaactc	tgaagctct	gaggcccaaa	gcacagcctg	aggaggagga	3720
tgaagacgag	gtgagcatga	agggacgccc	gcccccaacg	cccctttttg	gagatgatga	3780
tgatgacgat	gacattgact	ggctgggatg	aagaccagcg	aaactggtgc	aaaggtttct	3840
ctgcaaccct	tccctaagca	tgattttgca	cagccaaccc	tgggtctagg	cgagccacag	3900
ggtgaggtca	aggtgagcat	tctgggaaca	atatttgggc	tcagaggggtg	ggttggccca	3960
ccttctgagc	cccccccccg	ccagacctgg	tgaagaggat	cataaccctg	tcttcaagaa	4020

cactgggatt	tcagcagcaa	gttgggaagaa	ggactggtag	gttccccctcc	aagccagtca	4080
cctgtaagag	tcctgtcctc	tgccagactt	tttaatctct	tcattaactc	tcagactgac	4140
ctgggagccc	tcctctacct	gaatccagtg	ctcaactgtg	ccccggcaac	aagacctggg	4200
ctgaggtctc	cctggtagaa	ctaagggaga	ttacaccatc	taaatcccag	tgagtcacac	4260
agcctggcct	atagtcctgg	gacatgtatc	ttcttctttg	ccttaaatct	gatacaagag	4320
gtcaatgact	ttgaaaataa	aactaaaata	aatgtctata	atgaaacttg	acccaagccc	4380
ttggagaaaa	attgagtttg	gttccaaggg	ctgtctgtgc	tctttttg		4427

<210> 6408
 <211> 1376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1377)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1103)...(45)
 <223> similar to gi2564956 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6408	
tttttttttt	ttcctctttt aaggtttaac ttttaatcag ccaaacatct tgcgcagacc 60
ctgagccagc	cctgcacctt ggttcttccc ctgaatgacc accttcccca gttcctcctg 120
ggctgcccgg	tttttgggac ctatcgccag caccttcttg aggtcagcag ttgctttttc 180
caggttccca	agggcagcct gggcaacccc cgcttcggta taaggccttt aaatggccag 240
gctcccgctc	caacacccgg tcacagctct gggctgcca ctgaggtctg cctagcaaca 300
actgacaggc	agccagattg gcatgaagga cagttcgttc tggagggcca cggtgggggt 360
aaagtcaagg	gcagccgaag agccccgtcc atagcatcgg gcagctcctt acaggggttc 420
ccagctcgaa	ataggtttct gtgccccttg gcacggttct tccttgggca ggggcttcct 480
tctcgctagt	ctccagcttc caggaggtct cggccttgag tgaaggatgc cagtgtgagc 540
ctgacaggag	gtccagagtg gcccaggcag ctgaagctct gcttcctcac cttgacacat 600
ggactccaag	catttctcta tgagctcccc ccaagtttcc tccctccatg gccctacgcc 660
catagttagc	tctgtccagc cctctggcgg ccctgatccg aaaggaaacc ccaaagccag 720
taccgggcag	caggagccta gtttgggttt gtccaagcca tggccacgga ttacgatctt 780
cttgacaaa	ctcccatcgg ggcagtacca gagatcagaa gcttgaaggg cctctggcat 840
ctgactgggt	gatccatgag acttatgaga gtctccttca agttcagcaa ccagtttttc 900
agctccttga	gtatgtctta gaatttggct ggctggatct gggcttactt ccagctcaag 960
cgtttcggta	ggaggggtctc ggggctgctg cctaactctga ataactgaat caagggtctc 1020
ccgaagggtc	ttttcccaact cttgttgctg ctgagaggtg tcctttttct caattgtatt 1080
gactggtggc	gtctccatat ggatgcttag tcccttccac ggtgagtga cagtttttgt 1140
cagaaaggga	tgaaccaggt tcaggtcagc acctgaaaag aaaaccaaac aatgctaata 1200
gcaggggttc	tatttagact cctttctcgt cctttcccat tcttctgaga cccaggcccc 1260
tagtcctgaa	agtccccagt tttgctttcc tccaaaaatc tgctccagct tccccgttcc 1320
accncgaat	tccncggctc ttcgctacgn tctcaggttc tcaggttntg tggcca 1376

<210> 6409
 <211> 5615
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (66)...(5509)
 <223> similar to gi4071058 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6409
 tttcgtgcgg cccggagcgc ggtggcgcg cgcgggaggg gttttctggt gcgtcctggt 60
 ccaccatggc caaaccaaca agcaaagatt caggcttgaa ggagaagttt aagattctgt 120
 tgggactggg aacaccgagg ccaaatccca ggtctgcaga gggtaaacag acggagttaa 180
 tcatcaccgc ggaaatactg agagaactga gcatggaatg tggcctcaac aatcgcattc 240
 ggatgatagg gcagatttgt gaagtcgcaa aaaccaagaa atttgaagag caccgagtgg 300
 aagcactctg gaaggcggtc gcggatctgt tgcagccgga gcggccgctg gagggccggc 360
 acgcggtgct ggctctgctg aaggccatcg tgcaggggca gggcgagcgt ttgggggtcc 420
 tcagagccct cttctttaag gtcatccaag gaattaccct tccaacgaaa gaccttcacg 480
 aaaaggctgg aggttttcaa ggccctcaca gacaatggga gacacatcac ctacttgag 540
 gaagagctgg ctgactttgt cctgcagtgg atggatgttg gcttgtcctc ggaattcctt 600
 ctggtgctgg tgaactttgg tcaaattcaa taagcttgtt accctcgacg aagtacaatc 660
 gcaaaaggaat gggttcaaga tgatctgtct gcttgtgcgt ccggaccgcg tcctcttgtg 720
 gacatagagg tctccctggc aggtgctgga cgccgtggtc tgctacaact gcctgcccgc 780
 tgagagcctc ccgctgttca tctgtaccct ctgtcgcacc atcaacgtca aggagctctg 840
 cgagccttgc tggaaagctga tgcggaacct ccttggcacc cacctggggc acagcgccat 900
 ctacaacatg tgccacctca tggaggacag agcctacatg gaggacgcgc ccctgctgag 960
 aggagccgtg ttttttgtgg gcatggctct ctggggagcc caccggctct attctctcag 1020
 gaactcgccg acatctgtgt tgccatcatt ttaccaggcc atggcatgtc cgaacgaggt 1080
 ggtgtcctat gagatcgtct tgtccatcac caggctcatc aagaagtata ggaaggagct 1140
 ccagggtggtg gcgtgggaca ttctgctgaa catcatcgaa cggctccttc agcagctcca 1200
 gaccttggac agcccggagc tcaggaccat cgtccatgac ctgttgacca cggtgaggga 1260
 gctgtgtgac cagaacgagt tccacgggtc tcaggagaga tactttgaac tggtgagag 1320
 atgtgcggac cagaggcctg agtcctccct cctgaacctg atctcctata gagcgcagtc 1380
 catccacccg gccaaggacg gctggattca gaacctgcag gcgctgatgg agagattctt 1440
 caggagcgag tcccgaggcg ccgtgcgcat caagggtgctg gacgtgctgt cctttgtgct 1500
 gctcatcaac aggcagttct atgaggagga gctgattaac tcagtgtgca tctcgcagct 1560
 ctcccacatc cccgaggata aagaccacca ggtccgaaag ctggccaccc agttgtggt 1620
 ggacctggca gagggctgcc acacacacca cttcaacagc ctgctggaca tcatcgagaa 1680
 ggtgatggcc cgctccctct cccaccccc ggagctggaa gaaagggatg tggccgcata 1740
 ctcgccctcc ttggaggatg tgaagacagc cgtcctgggg cttctggtca tccttcagac 1800
 caagctgtac accctgcctg caagccacgc caccgctgtg tatgagatgc tggtcagcca 1860
 cattcagctc cactacaagc acagctacac cctgccaatc gcgagcagca tccggctgca 1920
 ggcttttga cttcctggtt gctgctgcgg gccgactcac tgaccgcct gggcctgcc 1980
 aacaaggatg gagtctgctg gttcagcccc tactgctct gcgactacat ggagccagag 2040
 agaggctctg agaagaagac cagcgcccc ctttctctc ccacagggcc tcctggccc 2100
 gcgcctgcag gccccgctg gcggctgggg tccgtgccct actccctgct cttccgcgtc 2160
 ctgctgcagt gcttgaagca ggagtctgac tggaaaggtg tgaagctggt tctgggcagg 2220
 ctgcctgagt ccctgcgcta taaagtgtc atctttactt ccccttgag tgtggaccag 2280
 ctgtgctctg ctctctgctc catgctttca ggcccaaaga cactggagcg gctccgaggc 2340

gccccagaag	gcttctccag	aactgacttg	cacctggcgg	tggttccagg	gctgacagca	2400
ttaatctctt	accataacta	cctggacaaa	accaaacagc	gcgagatggt	ctactgcctg	2460
gagcagggcc	tcatccaccg	ctgtgccagc	cagtgcgtcg	tggccttgtc	catctgcagc	2520
gtggagatgc	ctgacatcat	catcaaggcg	ctgcctgttc	tgggtggtgaa	gctcacgcac	2580
atctcagcca	cagccagcat	ggcgcgtcca	ctgctggagt	tectgtccac	tctggccagg	2640
ctgccgcacc	tctacaggaa	ctttgccgcg	gagcagtatg	ccagtgtgtt	cgccatctcc	2700
ctgccggaca	ccaacccctc	caagtttaat	cagtacatcg	tgtgtctggc	ccatcacgtc	2760
atagccatgt	ggttcatcag	gtgccgcctg	cccttccgga	aggattttgt	ccctttcatc	2820
actaaggcgc	ctgcggtcca	atgtcctctt	gtcttttgat	gacacccccg	agaaggacag	2880
cttcagggcc	cggagtacta	gtctcaacga	gagacccaag	agtctgagga	tagccagacc	2940
ccccaaacaa	ggcttgaata	actctccacc	cgtgaaagaa	ttcaaggaga	gctctgcagc	3000
cgaggccttc	cggtgccgca	gcatcagtgt	gtctgaacat	gtggtccgca	gcaggataca	3060
gacgtccctc	accagtgcc	gcttggggtc	tgcagatgag	aactccgtgg	cccaggctga	3120
cgatagcctg	aaaaacctcc	acctggagct	cacggaaacc	tgtctggaca	tgatggctcg	3180
atacgtcttc	tccaacttca	cggctgtccc	gaagaggtct	cctgtgggcg	agttcctcct	3240
agcgggtggc	aggacaaaa	cttggctggg	tgggaacaag	cttgtcactg	tgacgcgaag	3300
cgtgggaacc	gggacccggt	cgttactagg	cctggactcg	ggggagctgc	agtcacggcc	3360
ggagtcgagc	tccagccccg	gggtgcatgt	gagacagacc	aaggaggcgc	cggccaagct	3420
ggagtccag	gctgggcagc	aggtgtcccg	tggggcccg	gatcgggtcc	gttccatgtc	3480
ggggggccat	ggtcttcgag	ttggcgccct	ggacgtgccg	gcctcccagt	tcttgggcag	3540
tgccacttct	ccaggaccac	ggactgcacc	agccgcgaaa	cctgagaagg	cctcagctgg	3600
caccggggtt	cctgtgcagg	agaagacgaa	cctggcggcc	tatgtgcccc	tgtgaccca	3660
gggctgggcg	gagatcctgg	tccggaggcc	cacagggaac	accagctggc	tgatgagcct	3720
ggagaaccgc	ctcagccctt	tctcctcgga	catcaacaac	atgcccttgc	aggagctgtc	3780
taacgccctc	atggcggctg	agcgttcaa	ggagcacccg	gacacagccc	tgtacaagtc	3840
actgtcggtg	ccggcagcca	gcacggccaa	acccctcctc	ctgcctcgct	ccaacacagt	3900
ggcctctttc	tctcctctgt	accagtccag	ctgccaaagg	cagctgcaca	ggagcgtttc	3960
ctgggcagac	tccgccgtgg	tcatggagga	gggaagtccg	ggcgaggttc	ctgtgctggt	4020
ggagcccca	gggttgagg	acgttgaggc	agcgtaggc	atggacaggc	gcacggatgc	4080
ctacagcagg	tcgtcctcag	tctccagcca	ggaggagaag	tcgctccacg	cggaggagct	4140
ggttggcagg	ggcatcccca	tcgagcgagt	cgtctcctcg	gaggggtggc	ggccctctgt	4200
ggacctctcc	ttccagccct	cgcagccctc	gagcaagtcc	agctcctctc	ccgagctgca	4260
gactctgac	gacatcctcg	gggacctctg	ggacaaggcc	gacgtgggcc	ggctgagccc	4320
tgaggttaag	gcccggtcac	agtcagggac	cctggacggg	gaaagtgtcg	ccttggtcggc	4380
ctcgggcgaa	gacagtccgg	gccagcccga	gggtcccttg	ccttccagct	cccccgctc	4440
gcccagtggc	ctccggcccc	gagggttacac	catctccgac	tcggccccat	cacgcagggg	4500
caagagagta	gagaggggac	ccttaaagag	cagagccaca	gcctccaatg	cagagaaagt	4560
gccaggcatc	aaccccagtt	tcgtgttctc	gcagctctac	cattccccct	tctttggcga	4620
cgagtcaaac	aagccaatcc	tgtgccccaa	tgagtcacag	tcctttgagc	ggtcgggtgca	4680
gctcctcgac	cagatcccat	catacgacac	ccacaagatc	gccgtcctgt	atgttgagga	4740
aggccagagc	aacagcgagc	tcgccatcct	gtccaatgag	catggctcct	acaggtacac	4800
ggagttcctg	acgggcctgg	gccggctcat	cgagctgaag	gactgccagc	cggacaaggt	4860
gtacctggga	ggcctggacg	tgtgtggtga	ggacggccag	ttcacctact	gctggcacga	4920
tgacatcatg	caagccgtct	tccacatcgc	cacctgatg	cccaccaagg	acgtggacaa	4980
gcaccgctgc	gacaagaagc	gccacctggg	caacgacttt	gtgtccattg	tctacaatga	5040
ctccggtgag	gacttcaagc	ttggcaccat	caagggccag	ttcaactttg	tccacgtgat	5100
cgtcaccccc	ctggactacg	agtgc AACCT	ggtgtccctg	cagtgcagga	aagacatgga	5160
ggcctttgtg	gacaccagcg	tggccaagat	cgtgtctgac	cgcaacctgc	ccttcgtggc	5220
ccgccagatg	gccctgacg	caaatatggc	ctcacagggtg	catcatagcc	gctccaaccc	5280
caccgatatc	tacccctcca	agtggattgc	ccggctccgc	cacatcaagc	ggctccgcc	5340
gcggtctcgc	gagggaagcg	ccctactcaa	ccccgccta	cctctggtgc	acctccgctc	5400
ccatagcaaa	gcccctgcac	agactccagc	cgagccaca	ccttggtatg	aggtgggcca	5460
gcggaagcgc	ctcatctcct	cgggtggagga	cttcaccgag	tttgtgtgag	gccggggccc	5520
tcctcctcgc	actggccttg	gacgggtattg	cctgtcagtg	aaataaataa	agtcctgacc	5580
ccagtgcaca	gacatagagg	cacagaaaaa	aaaaa			5615

<210> 6410
 <211> 4190
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (36)...(3979)
 <223> similar to gi5733726 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6410
 tttcgtggcg aaggcagcgg caggtcggga gcaagatggc gctgcggcca ggagctgggt 60
 ctgggtggcg cggggccgcg ggagctggcg cggggtccgc cgggggaggc ggcttcatgt 120
 ttctgtgtgc aggtgggata agaccccctc aagcaggcct gatgccgatg cagcaacaag 180
 gatttctctat ggtctctgtc atgcagccta atatgcaagg cattatggga atgaattaca 240
 gctctcagat gtcccaagga cctattgcta tgcaggcagg aataccaatg ggaccaatgc 300
 cagcagcggg aatgccttac ctaggacaag cacccttcct gggcatgcgt cctccaggcc 360
 cacagtacac tccagacatg cagaagcagt ttgccgaaga gcagcagaaa cgatttgaac 420
 agcagcaaaa actccttagaa gaagaaaagaa aaagacgccca gtttgaagag cagaagcaaa 480
 agctcagact tttgagcagt gtgaaaccca agacaggaga gaagagtaga gatgatgctt 540
 tggaagccat aaaaggaaat ttagatgggt tttccagaga tgcaaaaatg caccctactc 600
 cagcatcgca ccccaagaaa ccaggccctt ccttggagga gaagttccta gtatccttgtg 660
 atataagtac atctgggcag gaacaaatta aattaaatac ttctgaagtt ggccacaaaag 720
 ccctaggccc aggttccagt aagaagtatc ccagtttaat ggccagtaac ggggttgcgtg 780
 tagatggatg tgtaagtggg accaccactg cagaggcaga aaatacttca gatcaaaacc 840
 tgtcaattga agagagtggg gtggggagtat ttccctcaca ggatcctgct cagcccagaa 900
 tgcctccttg gatttacaat gagagtttgg ttccagatgc ctataagaaa atccttagaaa 960
 ccacaatgac tccaactgga atagatactg ccaaactgta tcccattctg atgtcatctg 1020
 ggcttcccag ggaaactctt ggacagatat gggccttagc taatcgaact acacctggca 1080
 aacttacaaa agaagaactt tataccgttc tagccatgat agcggtaaca cagaggggcg 1140
 ttcttgcaat gagtctgat gctttaaacc agttcccagc agctcctatt ccaacttta 1200
 gtggcttttc tatgactctg cctacaccgg tgagtcagcc aactgtgata ccttcaggctc 1260
 ctgcgggctc catgcccctc agccttggac agccagtcat gggcattaac ctgttggac 1320
 cagtgggtgg agctgcagcc caggcttcta gtggtttcat accaacctac cctgcaaatc 1380
 aggtagtaaa gccagaagaa gatgacttcc aggattttca agatgcttct aagtcaggat 1440
 cccttgatga ctcatcagt gattttccaa agttgcctgc ttcttcaaaa acaagtaact 1500
 cccagcatgg aaacagtgcc ccttctttgt tgatgccact tccctggaact aaagcattgc 1560
 cttcaatgga caaatatgct gtgtttaaag gaattcagct gacaagtcct ctgaaaatac 1620
 tgttccacct ggagatcctg gtgataaata tagtgctttc agagaacttg aacagacagc 1680
 agagaataaa cctttaggag aaagccttgc agaattcaga tctgcaggaa ctgatgatgg 1740
 tttcaccgat tttaaaacag ccgatagtgt atcaccacta gagccaccaa caaaagacaa 1800
 aacttttcca ccatccttcc cctcaggaac tatacaacag aaacaacaaa cacaagtga 1860
 aaaccctctg aacttagcag acctagatat gttttcctca gttaattgca gcagcgagaa 1920
 accattgtct ttttcagctg tgtttagcac atcaaaatca gtttctacac cacagtcaac 1980
 aggttctgct gctactatga cagcattggc agcaacaaaa acttctagtt tggctgatga 2040
 ttttgagaa ttcagccttt ttggggaata ttctgtgcta gcacctgttg gggagcagga 2100
 tgactttgca gattttatgg ctttcagtaa tagctctatt tcatctgagc aaaagccgga 2160
 tgacaaatat gatgccctta aagagggaagc cagtcctggt cctctaacca gcaacgtggg 2220
 cagcacagtg aaggggtggac aaaactcgac tgctgcgtct accaagtacg atgtcttcag 2280
 acaactttct ctggaagggt ctggactagg tgttgaagac ctgaaagata acactccttc 2340

09400725 "042400

agaaaaaagt	gatgatgatt	ttgctgactt	ccactccagt	aaattttctt	ccataaaactc	2400
ggacaaatcc	ctgggagaga	aagcagtggc	tttcagacac	accaaagaag	actctgcac	2460
agtgaagtcc	ttagatctcc	cttccattgg	tggcagcagt	gttggaagg	aggactctga	2520
agatgcactc	tctgttcagt	ttgacatgaa	attggctgat	gtgggaggag	atcttaagca	2580
tgcatgtct	gatagctctt	tggatttacc	aacagttagt	ggccagcac	ctcctgctgc	2640
agatatagag	gacttaaaat	atgctgcttt	tggaagctac	agtagcaatt	ttgcagtga	2700
cacacttaca	agctatgact	ggtcagacag	ggatgatgca	actcagggca	gaaaactctc	2760
tccatttgtc	ctctcagcag	gaagtggatc	cccctcagcc	acctcaattc	ttcaaaagaa	2820
agagacttca	tttggcagtt	ctgaaaacat	caccatgaca	tctctctcca	aagtaacgac	2880
ctttgtaagt	gaagatgctc	ttccagagac	caccttccca	gctcttgcca	gttttaaaga	2940
cagattcct	cagaccagt	agcaaaagga	atatgaaaac	agagactata	aagatttcac	3000
aaaacaggac	ctgctctcgg	ctgaaacggag	ccaggaggcc	acgtgtccca	gcccagcgtc	3060
cagtgtgtgcc	tctcaagaaa	ccccgaacga	atgttcggat	gactttggag	agtttcaaag	3120
tgaaaagccc	aaaatcagca	aatttgactt	cttagtagcc	acttcacaaa	gcaaaatgaa	3180
atccagtga	gaaatgatca	aaagtgagct	ggcaaccttt	gacctttctg	ttcaaggatc	3240
acacaagagg	agtttgagcc	ttggtgataa	agaaataagc	cgttcttctc	cttctccagc	3300
tttgagcag	cctttcagag	accgttccaa	tactctgaat	gagaagcccg	ccctgcccg	3360
catccgagac	aagtacaaag	acctgacggg	agaggtggag	gaaaatgaga	gatatgcata	3420
tgaatggcag	agatgcctgg	ggagtgcctt	gaatgtcatt	aagaaggcaa	atgatacctt	3480
aaatggaatc	agtagtagtt	ctgtttgcac	agaagtaatt	cagtcagctc	aaggcatgga	3540
atattttatta	ggtgttgttg	aagtgtacag	ggtaaccaag	cgtgtggagc	tggggataaa	3600
agccactgca	gtgtgcagt	agaaaactcca	gcagttgctg	aaggacatcg	ataaagtatg	3660
gaataaccta	atcggttca	tgtcactcgc	cacactcaca	ccagatgaaa	actcgctgga	3720
tttttctctc	tgtatgttac	ggcctgggat	taaaaatgct	caggagcttg	cctgtggagt	3780
gtgctcttg	aatgtggact	cgaggagccg	gaaagaagag	aagcctgcag	agaacatcc	3840
taaaaaagca	ttcaactcag	aaacagacag	tttcaagctg	gcctatggag	ggcaccagta	3900
tcacgcagc	tgtgccaaat	cttggatcaa	ctgtgtcgaa	ccaaagcctc	ctggcctcgt	3960
cctgcctgac	ctgctctgaa	caactcctct	gtgaagcatt	gacttttttt	ttttctgtga	4020
cacccacagg	ggggacagg	accaataaat	aaaatgcgag	cactgcacag	ttcgcttccc	4080
tgaatcgata	tgaaaaacac	cgcaggggac	ggggcccccg	tcatcccat	ggccagtcg	4140
caggacttca	ggtaaaattg	tcccacccaa	actgcacgtg	gcaccagaag		4190

```
<210> 6411
<211> 2148
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (593)...(1719)
<223> similar to gil063398 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6411						
tttcgtgtaa	ggcagatgcc	cacgtgatcc	tggcctgcag	ttgggtggct	gcggtgagat		60
acctgggttc	ctgaagggcg	ggtggttagg	tcgtaactac	tgccccgcc	ggctgagtct		120
ccgagcggcc	gggctcggaa	gccacgagcc	agctgaggcg	ttctccgctt	agtgcctacg		180
gcatgggtca	gctctttctg	ccacctccgc	cttcgcggtc	ctcacctctt	tgcgggtgaa		240
gttacctttg	ggtttccaga	ccttgggggc	ctgaggccca	aactcgggac	gaacccttaa		300
cccacctctc	ttttcctgtc	attctccaac	tcttactttg	taccacggaa	tcacttgqcc		360

ttaaagctag	ccagctcggc	cgtgccttga	ggccagggttc	gagagataaa	ggtaaccgtg	420
gggaaagcgg	ccccccagtg	gacaaaggcg	gaggcaagaa	tagagcaggc	ctgagggcca	480
taggcgatga	gaataggcag	ttgaggggtg	aaaaagaaaa	caaacaaaca	acaacaacaa	540
accctgaaga	gtactgaaga	tttagaaggg	actggaaagg	acttgttgcg	caatggaaga	600
atctgactct	gagaaaacga	cggagaaaaga	aaatctgggg	ccgagaatgg	atccaccact	660
aggggaaccc	gggaggatcg	cttgggtggg	tgctaccaaa	tacagccatg	aaaaaaaaag	720
tgctgttgat	gggtaaaagt	gggtctggta	agaccagcat	gaggtctatt	atctttgcaa	780
attatattgc	cagagacaca	cgctgccttg	gcgcaacaat	actagaccgt	atacatagtc	840
ttcaaattaa	tagcagtttg	agcacctact	ctctcgtaga	ctctgttgga	aatacaaaaga	900
catttgatgt	agaacattct	catgttcgat	ttctgggaaa	cctggtattg	aacctgtggg	960
attgtggtgg	gcaagacacc	ttcatggaaa	attatttcac	tagccaacgg	gacaacatct	1020
tccgaaatgt	ggaggttctg	atttatgtct	ttgatgtgga	gagccgcgaa	ctggaaaagg	1080
acatgcacta	ttaccaatca	tgctctggag	ccattctgca	gaattctcca	gatgcaaaaa	1140
tatttttgctt	ggtacacaaa	atggatctgg	tacaggagga	tcaacgggac	ctgatttttta	1200
aagagcgaga	agaagatttg	aggcgtttgt	ctcgccatt	ggaatgttct	tgtttccgaa	1260
catctatctg	ggatgaaacc	ctctataagg	cttgggtccag	catagtattat	cagctgattc	1320
ccaatgttca	gcagctggaa	atgaacctaa	ggaattttgc	tgaaattatc	gaagctgatg	1380
aagtacttct	ttttgagaga	gctacttttc	tggtaatttc	tcactatcag	tgtaaagagc	1440
agcgtgatgc	ccatagattt	gagaaaataa	gcaacattat	taagcagttc	aagctgagct	1500
gcagcaagct	ggctgcctct	ttccagagta	tggaagtcag	gaactctaac	ttcgctgctt	1560
tcattgacat	ctttacatcc	aacacttatg	tgatggttgt	gatgtctgat	ccgtccattc	1620
cttctgcagc	tactctgatc	aacatccgca	atgccaggaa	acactttgaa	aagctggaaa	1680
gagtggatgg	accaaagcag	tgtcttctca	tgcgctaaac	attgatgaat	attgtttcac	1740
acaaaaatta	aaagtttcct	aattaatggt	gtattcatat	atgtaggctc	tgaaatgttg	1800
tgatgcttat	tgcttctgta	tttcttctct	actccctagt	cttaatgttt	aaccttgaat	1860
gctattaact	taaatagcca	ttgaggagtt	agaagatgaa	ttgttcatga	agtcggtggt	1920
acataaaaagt	aggtgatatg	taagttttct	gataacaagg	ttctaatagt	gtttaaatgt	1980
actggttaacc	tggttccaat	agttgtgttt	gcccagcct	ttctcggcac	catcttgtat	2040
tccttatcag	atagtaagta	acctgtaagt	ttggagtatt	actgttttct	cagcatgcat	2100
taaaaatatt	ccttaacttc	aattgtaaat	aaacttttgg	tgttaggg		2148

<210> 6412

<211> 3143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3144)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3039)...(0)

<223> similar to gi4680484 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6412

tttttttttt	ttcttttttt	acttatttaa	aaaggccttg	gtggcaggaa	tatagtgtaa	60
aatcatttg	gataaaccaa	aaggcatcga	tacatatccg	aatatacatt	ttgtacataa	120

attacatttc	ctttagtctt	tctgagttag	gtcctgattc	agtactgagg	tctagtaatt	180
aagaggtccc	ggggagnctg	cacgttcagg	gccgggcata	gtccaccatg	ttacattggg	240
ccattgcacg	agtgaggatc	tgggttgggc	cgatgccact	tgaatccggg	ttaggaggga	300
cgagggaagg	agggaaggac	gagggaggga	aggagggaga	acgggaattt	tcctttcccg	360
agacccgctt	ttctctttgc	gcttggggga	atgctgctgt	ctttggcttg	caccttgga	420
tcattgcaga	tttctgcaa	gggttggagc	tggttaatga	tgaccatgcg	gacatgctct	480
cgggccttca	ggatcttctc	cagccgggtg	atgtcgtacg	tgttgggggt	ccggaagggg	540
atgtcatcag	gcagaccctg	gacctccacg	gcgtctgggc	tgtcccggat	tagtttataa	600
gggaccagca	ccggccggtt	caggcccagg	gcctcaccgt	atttctcggt	gaagagttcc	660
ttcacctgct	cccgcaggat	caccttctcc	ccgagtctgt	tggcgctcatc	ttcatcaggc	720
tttgggatga	gtccttgga	aggcctggtg	actgtgaact	tgatcttgtc	agccacagca	780
agaatcctct	ccaggttctg	ggagccgaag	gtacagggct	ttcggaacgg	gattcctggg	840
ggcagccctc	cgatgatcac	ggagccgggg	ttactcttga	tccgcttgta	ggggacctgg	900
accgggtact	tgatgccaa	ggcttccccg	tatttcttat	tgaaaagggtc	ctggacctgc	960
tcccttagtg	tgttggcgat	gtcgatccgt	gagagcctcg	cgtcataatt	ttcttgaaag	1020
ccctgtctct	tcaggctctc	gtcccaccga	gggtccccgg	aatccctctc	ttgactatcc	1080
atgatgggct	ctttgactcc	ctcagttagc	agctcgggcc	tcttgatgac	aaactggatg	1140
ctgttgctgg	cctccagaat	cttccggagc	ttggcgatcc	cgaagcagtt	gggcctgcgg	1200
agggagatgc	cttcaggcag	tcccaccaca	aacagctcct	ccgggtgcat	cagaaacttg	1260
gagtacggca	ccttgacggg	ctccgagatg	ccaatggcct	tggcgatatcg	tgtgttgaag	1320
agcagctcca	cctgcttccg	caggggccgg	atcacgtcac	cgtggctgtc	ctccacgggc	1380
ctctcctcgg	gccgcgcgtc	ctcactcaga	cctttgtctg	tcagcatctc	catcccataa	1440
ccagaatcct	ccgatggcag	gtgcccaggc	atcgagtctg	tcatttctct	agaggttggc	1500
gaggggtctg	ggacggtgac	ctgaatgatg	tccagatcct	ctggctcaat	tttgatcggc	1560
ctcagcccgc	ccagctcccc	ggaggttcct	ggcccacagt	cttcagacat	gctgcccttg	1620
tctgaccgag	cattcccagc	aagggtcaagg	accggtggcc	catagagacc	tctgccagag	1680
gtgtcctctg	gcgggctggc	tggctccagc	ttcggtggtg	ctttggtaaa	cttgttccct	1740
gtgaaaattc	gctcatcaaa	catcctctta	atgatgaagt	ggatactatg	gcgtcctctc	1800
aggatccgct	tcagcttggg	gactccataa	gtgcaggggc	gcttgaaggg	gatcttgtcc	1860
gggatgccca	cgatctccac	agcctccggg	tcacaggcaa	tcttccggta	gggcacgggg	1920
accatgtggt	ccaggcccag	ggcttccgca	tatctgctgt	taaacaggat	ctgcacacac	1980
tcccggagcg	tgttgatgtc	ctcgggttcc	tttatgaagg	cgtcccactt	ctctgacttg	2040
tcatggacga	tggagaagag	aatgcgcttg	gaggcatgga	cgttctggat	gagaggccca	2100
ccaggcccag	tgggcttctg	tccacaacag	tcggagaagt	cttgggcacc	ggtaggcttg	2160
ggctctggca	tgggccgact	caggcccagg	tcgctggggg	caagggggca	ggaaggtgct	2220
tctgcttga	gctctcggat	ggcggtggtg	gggagcgccg	tgtgttacag	gaagctggcc	2280
atggaggagg	aggtggcggt	tgggggcagg	tcctgggggtg	gcaccttggg	ggcctggcca	2340
tgcaggccac	agtcccgtag	ccccttggga	atcaggggaga	caccgttcag	ctccaccagg	2400
gccttcgagt	cccgcccgcc	atcctcaagt	ggcctcttga	gcttgaagcg	gatgcggtgg	2460
ctgtgttcca	ggatggccat	gagggccttg	gggtcatact	cggctggcct	tcggaaggcc	2520
aggccttcgg	gcagcccctg	cacggccagc	agccctggct	ccctgagcag	cctctcatag	2580
ggcagtggca	ccacactggc	ccttcccagg	gcctcgctat	aaagaacatc	aaacacctcc	2640
tctaccatct	tccgcagaag	gtacacatct	gagccatggt	ccaggggagg	ccgaggggagg	2700
ttacggcctc	caccctcgcc	ccgtgcacc	ttcttgggggt	gctctgcctc	cggatccttc	2760
cacggggggc	ctcggcagaa	cctgaggaag	tctgactgta	gctccttccg	ggcattcagg	2820
aacattctcc	ccttctctgt	gcccaccaca	aaggcgctct	catcgtgcac	ggcgacacag	2880
gccacctcgg	cgttcagttt	ggcagcgct	gagcacatgg	agtctaaggc	agacacgagg	2940
ctggtgatga	tctcgtcttt	gcgggtgaac	gcggagttcc	agcggtcggg	tcgcagccg	3000
ttggtgggga	cgtcacacgc	cttaccagc	aaggccatgg	tcgccttggg	ggatcccaa	3060
gcgctcctgc	cagcggcgcc	ccggccccgg	cccgcggcca	ggaatcagcc	tcctaataann	3120
ntncttaatt	aatccgggacg	aaa				3143

<211> 1119
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1106)...(645)
 <223> similar to gi4929745 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6413

gacaggtcct	cactcttacc	acaaagctca	agtcagcttg	gcctctcaag	tggagagata	60
atcgttctat	agcaagaagt	acaaagattc	tctgcagaca	aaaccagcta	gccaagggtc	120
cacaacatgt	gtacacgtat	aagtctgatg	gatcagaaga	aatatgtacc	cgggaaatcag	180
atgtagccag	cccacatact	aacaaacatc	aaagcaagcc	tagtcagatt	gagtccatt	240
tgaacaatct	ttataaaggt	ttcttcatgt	tatttacaat	tcaaagtaaa	tttactttat	300
aagcagctag	ggaattcttt	atcttagta	gtcctaacat	aaaagtccac	ataactgctt	360
ctgtcaaacc	atgatactga	gctttgtgac	aaccagaaa	taactaagag	aaggcaaaca	420
taatacctta	gagatcaaga	aacatttaca	cagttcaact	gtttaaaaat	agctcaacat	480
tcagccagt	agtagagtgt	gaatgccagc	atacacagta	tacaggctct	tcagggaggc	540
aagagacctt	tcgactgggt	tgcagggtgc	tccaaatgct	ggtcctgtgg	aacttctttc	600
tgagtctcgt	tttcttccaa	cgcagctctg	ggtctgacac	tcaagtgttc	ggatttccgg	660
gaaacgtgac	tacctccgtg	ttgagtcctt	gcttcgccta	ctcgtcttaa	aatgacacct	720
tctgccaata	aagccttccc	tgtttccaca	aataacttct	cttcatctgt	ttctccaagt	780
ttctgtagct	cagtgtactt	ctccacaaac	cgttgacagg	tagacttgaa	gtttggattg	840
aatagatcaa	aagctctttg	accagaccga	tacactgaat	aaaacttcgc	tctaatacga	900
tcctcgtggt	accagatgtc	ttggatggga	gctttggctt	tgccatatcg	cactcgaggc	960
ctttggaaga	cgggctccct	cagcggggga	aaggcgtcat	atacgtcaaa	ccacaggggc	1020
ttctccttca	gcaccccggc	ccgaaccagg	tcccaggtcc	gagagaagat	gctccctacg	1080
gtttccagcc	ggctgcctgc	catgatctgc	gccacgaaa			1119

<210> 6414
 <211> 1359
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (74)...(841)
 <223> similar to gi4929699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6414

aaaaatggca	gccgccgctc	cggactcacg	tgtgagttag	gaagaaaacc	tgaaaaagac	60
cccaaagaag	aagatgaaaa	tggttaactg	agccgtagcg	tcggtgctgg	aagacgaggc	120
cacagacact	tctgatagtg	aaggaagctg	tggatcggaa	aaggaccact	tttattctga	180
tgatgacgca	atagaagctg	acagtgaggg	tgatgctgag	ccctgtgaca	aagaaaatga	240

aaatgatgga	gaatcaagtg	ttgggactaa	tatgggctgg	gcagatgcta	tggctaaagt	300
cctcaacaag	aaaactcctg	aaagtaaacc	tactattctg	gtcaaaaata	agaagctgga	360
aaaggaaaaa	gaaaagttaa	agcaagaaa	actagagaaa	ataaaacagc	gtgataagag	420
gctggagtgg	gaaatgatgt	gcagagtaaa	gccagatggt	gtccaagaca	aagagacaga	480
gagaaatctt	cagagaattg	caacaagggg	tgtggtgcaa	ttattttaatg	ctgttcagaa	540
acatcaaaa	aatgttgatg	aaaagggttaa	ggaagctgga	agttctatga	gaaagcgtgc	600
taagttgata	tcaactgttt	ccaagaaa	tttcatcagt	gttttgagag	ggatggatgg	660
aagtacaaat	gagactgctt	caagcaggaa	gaaaccaaaa	agccaaacag	actgaagtga	720
aatcagaaga	aggcccaggt	tggacgattc	ctacgtgatg	atttcatgat	gggagcatct	780
atgaaagact	gggacaagga	aagtgatggg	ccagatgaca	gcagaccaga	atctgcaagt	840
ggactctgga	tacataaagc	atcatagggg	aataccaatt	gccagtcgtt	ttattttttt	900
cttggaatat	ttgtccatcc	cctgatagtt	ggggaattta	taaggatacc	catttgtaag	960
aaagcccaaa	agacttttgc	ccagatttca	tatttccctt	tttcatgtac	actttatata	1020
tacttcatta	aaattatatt	ttaaaccctt	gtataatttt	aagcattggt	cctcagaaca	1080
tttgtaaaa	gatataattt	tgtttgacca	gcgagatgtg	cattttgcca	ggatcatatt	1140
ggtcatgtct	attggtgtat	tatttcagta	tcaccaatgt	tttcagaaat	acagtactaa	1200
ttcatcatta	aactctttga	agttaatat	tttctgcctt	ctaacttata	gactcaacta	1260
tgtatctgta	gtttttggga	atggttggtg	ttttttgctt	tgtgttggga	agttattgag	1320
aaaacctata	taataaaaatt	taaaattata	aaaaaaaaa			1359

<210> 6415

<211> 2967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (611)...(2619)

<223> similar to gi4886505 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6415

cagaagagaa	gaacatttct	gagtcctcac	gaaactat	cagttacata	cagtgaatta	60
gacaaattaa	gtgtatacct	tgatgagtat	acatgtgaca	cacccaaccc	aaggtgcaga	120
atatattata	tacctaagaa	gaatcctttg	tatgtgcccc	ttgaaggtga	aattttccaa	180
agttttaaca	aaagggttaga	gaagacagca	agttcaaaaa	aggagaggga	aagaaagaaa	240
gagaaataga	gagagaggaa	tatctttgac	catcagtctg	tgacctgccc	cttctcttta	300
catgcagccg	ctctctgctc	cctgccccaa	tgaacatctg	cactaggccc	aagccttgga	360
gtaattcacc	tgaagagtga	caccattgat	tttgaaacta	ctgaagaaac	ccaagacagc	420
tgaaaaaccag	aaggcatctg	aggagaatga	gattactcag	ccgggtggat	ccagcgccaa	480
gccgggcctt	ccctgcctga	actttgaagc	tgttttgtct	ccagaccag	ccctcatcca	540
ctcaacacat	tactgacaa	actctcacgc	tcacaccggg	tcatctgatt	gtgacatcag	600
ttgcaagggg	atgaccgagc	gcattcacag	catcaacctt	cacaacttca	gcaattccgt	660
gctcgagacc	ctcaacgagc	agcgcaaccg	tggccacttc	tgtgacgtaa	cgggtgcgat	720
ccacgggagc	atgctgcgcg	cacaacgctg	cgtgctggca	gccggcagcc	ccttcttcca	780
ggacaaactg	ctgcttggtt	acagcgacat	cgagatcccg	tcgggtggtg	cagtgcagtc	840
agtgcaaaag	ctcattgact	tcatgtacag	cggcgtgcta	cgggtctcgc	agtcggaagc	900
tctgcagatc	ctcacggccg	ccagcatcct	gcagatcaaa	acagtcacgc	acgagtgcac	960
gcgcacgcgtg	tcacagaacg	tgggcgatgt	gttcccgggg	atccaggact	cgggccagga	1020
cacgccgcgg	ggcactcccc	agtcaggcac	gtcaggccag	agcagcgaca	cggagtcggg	1080

ctacctgcag	agccaccac	agcacagcgt	ggacaggatc	tactcggcac	tctacgcgtg	1140
ctccatgcag	aatggcagcg	gcgagcgctc	tttttacagc	ggcgcagtgg	tcagccacca	1200
cgagactgcg	ctcggcctgc	cccgcgacca	ccacatggaa	gaccccgagt	ggatcacacg	1260
catccatgag	cgctcgcagc	agatggagcg	ctacctgtcc	accacccccg	agaccacgca	1320
ctgccgcaag	cagccccggc	ctgtgcgcac	ccagacccta	gtgggcaaca	tccacatcaa	1380
gcaggagatg	gaggacgatt	acgactacta	cgggcagcaa	aggggtgcaga	tcttggaaacg	1440
caacgaatcc	gaggagtgca	cggaaagacac	agaccaggcc	gagggcaccg	agagtgagcc	1500
caaagtgtaa	agcttcgact	cgggcgtcag	ctcctccata	ggcacccgagc	ctgactcggt	1560
ggagcagcag	tttgggcctg	gggcggcgcg	ggacagccag	gctgaacca	cccaaccgga	1620
gcaggctgca	gaagcccccg	ctgagggtgg	tccgcagaca	aaccagctag	aaacagggtgc	1680
ttcctctccg	gagagaagca	atgaagtgga	gatggacagc	actgttatca	ctgtcagcaa	1740
cagctccgac	aagagcgtcc	tacaacagcc	ttcgggtcaac	acgtccatcg	ggcagccatt	1800
gccaaagtacc	cagctctact	tacgccagac	agaaaccctc	accagcaacc	tgaggatgcc	1860
tctgaccttg	accagcaaca	cgcaggtcat	tggcagagct	ggcaaacact	acctgccagc	1920
cctcttctact	accacgcccc	cgggcagtg	ccccaaagcct	ttcctcttca	gcctgcacaca	1980
gcccctggca	ggccagcaga	cccagtttgt	gacagtgtcc	cagcccggtc	tgctgcacct	2040
tactgcacag	ctgccagcgc	cacagcccct	ggcctcatcc	gcaggccaca	gcacagccag	2100
tgggcaaggc	gaaaaaaaagc	cttatgagtg	cactctctgc	aacaagactt	tcaccgccaa	2160
acagaactac	gtcaagcaca	tgttcgtaca	cacaggtgag	aagccccacc	aatgcagcat	2220
ctgttggcgc	tcttctcct	taaaggatta	ccttatcaaa	gcacatggtg	acacacacag	2280
gagtgaaggg	ataccaatgt	agtatctgca	acaagcgctt	caccagaag	agctccctca	2340
acgtgcacat	gcgcctccac	cggggagaga	agtcctacga	gtgctacatc	tgcaaaaaga	2400
agttctctca	caagaccctc	ctggagcgac	acgtggccct	gcacagtgcc	agcaatggga	2460
ccccccctgc	aggcacaccc	ccaggtgcc	gcgctggccc	cccaggcggtg	gtggcctgca	2520
cggaggggac	cacttacgtc	tgctccgtct	gccagcaaaa	gtttgaccaa	atcgagcagt	2580
tcaacgacca	catgaggatg	catgtgtctg	acggataagt	agtatctttc	tctcttttct	2640
atgaacaaaa	caaaacaaca	acaaaaaaca	aacaaacaaa	aaagctatgg	cactagaatt	2700
taagaaatgt	tttggtttca	tttttacttt	ctgtttttgt	ttttgtttcg	tttcattttg	2760
tactacatga	agaactgttt	tttgccgtct	ggtacattac	atttcgggac	gcttgcggtg	2820
aataatagtt	ttcccagttc	ccctcgagtg	gtggccattaa	ggcctgcgta	gtgcttcaag	2880
aggtccactg	gttggatctc	tagctactgg	cctctaata	caacccttct	ttacaaaaaa	2940
atctttttaa	aaaaagtaaa	aaaaaaa				2967

```
<210> 6416
<211> 2558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (225)...(1513)
<223> similar to gi5262617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6416						
tgccgcctg	ctgaattcgg	cacgaggaca	cgctgaacag	aattcacctc	acgtccagta		60
tgagatggga	gtatgaacaa	acagtcatgc	agagtgatga	gtgcaaacat	ggactataaa		120
gcggccatag	agaatgaact	gtgttttgt	ttagagaaga	cacactcccc	accctgaac		180
aggcttctta	aaagtactag	aaaggaacag	aaatgaataa	aagtcgctgg	cagagtagaa		240
gacgacatgg	gagaagaagc	caccagcaga	acccttggtt	cagactccgt	gattctgaag		300

acaggtctga	ctccccgggca	gcacagcccg	ctcacgattc	cggccacggt	gatgacgagt	360
ctccgtcaac	ctcgtctggc	acagctggga	cctcctctgt	gccagagcta	cctgggtttt	420
actttgacc	tgaaaagaaa	cgctacttcc	gcttgctccc	tggacataac	aactgcaacc	480
ccctgacgaa	agagagcatc	cggcagaagg	agatggagag	caagagactg	cggctgctcc	540
aggaagaaga	cagacggaaa	aagattgcca	ggatgggatt	taatgcatct	tccatgctac	600
gaaaaagcca	gctgggtttt	ctcaacgtca	ccaattactg	ccatttagcc	cacgagctgc	660
gtctcagctg	catggagagg	aaaaagggtc	agattcgaag	catggatccc	tccgccttgg	720
caagcgaccg	atttaacctc	atactggcag	ataccaacag	tgaccggctc	ttcacagtga	780
acgatgttac	agttggaggc	tccaagtatg	gtatcatcaa	cctgcaaagt	ctgaagaccc	840
ctacgctcaa	ggtgttcatg	cacgaaaacc	tctacttcac	caaccggaag	gtgagattcg	900
gtgtgctggg	cctcgttgaa	tactttggat	tcccacattc	tgctatgcct	catgggactc	960
gcagagactc	caggctgtgc	caccctgtct	ccagcatcac	tgttcgtcaa	tagtcaccca	1020
gcaggaaatag	accggcctgg	gcatgctctg	cagtttccgg	atccctgggtg	cctgggtcctg	1080
tgcttggtcc	ctgaatatcc	aagcaaataa	ctgcttcagt	acaggcttgt	ctcggcgggg	1140
cctgttgacc	aacgtgggtga	cgggacaccg	gcagtccttt	gggaccaaca	gtgatgtcct	1200
ggcccagcag	tttgctctca	tggtcctctc	gctgtttaat	ggctgccgct	ctggggaaat	1260
ctttgccatt	gatctgcgtt	gtggaaatca	aggcaaggga	tggaaggcca	cccgcctgtt	1320
tcatgattca	gcagtgcctt	ctgtgcggat	cctccaagat	gagcaatacc	tgatggcttc	1380
agacatggct	ggaaagatca	agctgtggga	cctgaggacc	acgaagtgcg	taaggcagta	1440
cgaaggccac	gtgaatgagt	acgcctacct	gcccctgcat	gtgcacgagg	aagaagggaat	1500
cctggtggca	gtggggccagg	actgctacac	gagaatctgg	agcctccacg	atgccgcctt	1560
actgagaacc	ataccctccc	cgtaccctgc	ctccaaggcc	gacattccca	gtgtggcctt	1620
ctcgtcgcgg	ctgggggggct	cccggggcgc	gccggggctg	ctcatggctg	tcgggcagga	1680
cctttactgt	tactcctaca	gctaattctg	cagggcacag	cccagagcca	tgtggatttg	1740
acttacggga	gtaaagcgta	actttttact	gcatctaata	agggtgtttt	aagtgcactt	1800
cagtgtacac	agatcccatc	ctctggctgc	taggagagaa	gtgctgaatg	ttccgtgtgg	1860
agatgctcag	gaaagttatt	tgagttaaat	tgctggctga	gagagcttgg	aagtcctttt	1920
cataaaagg	acctctttcc	ttttcttatt	gaattcttag	aacttagtta	accctccctg	1980
ccttttctta	acaaaaagga	cttttctaag	gactgaagat	tggaacaaac	gaaaagcttc	2040
ttcctccaag	agcccatgga	agaagcccag	tgatgagacg	gtgagatgg	ttgagtcctc	2100
ggtgcctggg	tagcaggaag	aaagacctgc	atcctgcatc	tgtacttggg	gaagccagcg	2160
gagaggacgg	ggaggttact	tctctaagtt	tctgcagaaa	tattgaaggc	tggagtgttg	2220
aatcccttaa	acttggtccct	tcctcaaact	cagcagcaga	tcctccggga	ttcctgcctg	2280
ttattatccc	aaaggcgggtg	gaagggaaag	atggatcttc	tttacctgcc	tagaagtgtt	2340
aaacggtcct	taacatgcct	ttgttcaagc	accttcccag	aatgtaaagg	ttcagcagct	2400
ctggtttcta	ttacggtgac	ttgaatgtca	gattcaaggg	cccggcgtca	aaggaaattg	2460
gttttgactt	tttgtaatct	agggagcgac	aggttcgtga	gatgtttatt	cagtgttaaa	2520
gagcctgttt	ttctaccaa	caataaaacc	aagagaag			2558

<210> 6417

<211> 3003

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1805)

<223> similar to gi4689114 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6417
tttcgtggac gtccacgatc tctttcgccg gctcggcgcg ggggccaaat tcgacacgag 60
acgcttctcg gcagacgcag ctcgattcca gataggaaaa aggaaatatg actttgattc 120
ttcggagggtg cttcagggac tggacttttt tggaaacaag aagtctgtcc cagggtgtgtg 180
tggagcatca caaacacatc agaagcccca aaatggagag aaaaaagaag agagcctaac 240
tgaaagggaag agggagcaga gcaagaaaaa aaggaagacg atgacttcag aaattgcttc 300
ccaagaagaa ggtgctacta tacagtggat gtcatctgta gaagcaaaga ttgaagacaa 360
aaaagttcag agagaaagta aactaacttc cggaaagtgt gagaatctca gaaaagaaaa 420
gataaacttc ttgcggaata aacacaaaat tcacgtccaa ggaaccgatc ttcctgaccc 480
aattgctaca tttcagcaac ttgaccagga atataaaatc aattctcgac tacttcagaa 540
cattctagat gcaggtttcc aaatgcctac gccaatccaa atgcaagcca tcccagttat 600
gctgcatggt cgggaacttc tggcttctgc tccaactgga tctggaaaaa cattagcttt 660
tagcattcct attttaatgc agctgaaaca acccgcaaat aaaggcttca gagccctgat 720
tatatcacca acacgagAAC ttgccagcca gattcacaga gagttaataa aaatttctga 780
gggaacagga ttcagaatac acatgatcca caaagcagca gtggcagcca agaaatttgg 840
acctaaatca tctaaaaagt ttgatattct tgtgactact ccaaatcgac taatctattt 900
attaaagcaa gatccccccg gaatcgacct agcaagtgtt gagggtgtt tagtagacga 960
atcagataaa ctgtttgaag atggcaaaac tgggttcaga gaccagctgg cttccatttt 1020
cctggcctgc acatcccaca aggtccgaag agctatgttc agtgcaactt ttgcatatga 1080
tgttgaacag tgggtgcaaac tcaacctgga caatgtcatc agtgtgtcca ttggagcaag 1140
gaattctgca gtagaaactg tagaacaaga gcttctcttt gttggatctg agaccggaaa 1200
acttctggcc atgagagaac ttgttaaaaa gggtttcaat ccacctgttc ttgtttttgt 1260
tcagtccatt gaaagggcta aagaactttt tcatgagctc atatatgaag gtattaatgt 1320
ggatgttatt catgcagaga gaacacaaca acagagagat aacacagtcc acagtttcag 1380
agcaggaaaa atctgggttc tgattttgtac agccttgcta gcaagagggg ttgattttaa 1440
aggtgtgaac ttggtgatca actatgactt tccaactagc tcagtggaat atatccacag 1500
gataggtcga actggaagag cagggaataa gggaaaagca attacatttt tactgagga 1560
tgataagcca ttattaagaa gcgttgctaa tgttatacag caggctgggt gtcctgtacc 1620
agaatacata aaaggttttc agaaactact aagcaaaca aagaaaaaga tgattaagaa 1680
accattggaa agggagagca ttagtacaac tccaaaatgt ttcttagaaa aagctaagga 1740
taaacagaaa aaggtcactg gtcagaacag caagaagaaa gtagctcttg aagacaaaag 1800
ttaaaaacag actttaaaaa tactgtccca gaaatgtaat tttatgatcc cagcatgaat 1860
gttattttca tgggaatactt gaagtcttac agtcacctgt accaaacatt tgaaatcaac 1920
tacaagtaca tgggactggg gataaatgat cctaaactat caagtcagtt tcaatttgta 1980
ggtgcctttt ttttttctcg taaagatgag ggtcttgcca tgttgtccag gctgggtctg 2040
aactcctgac ctacacaaat cctcctgcct tagcctcctg agtaactgaa attacaggca 2100
caagctgttg caccagcct ctgtagggga cttttaaatg attatacaat ggaaataaca 2160
ttcattgaca tttctgtggg ttgaatccca gagagatact tcttatagaa aaacaaatgt 2220
ttatgctaaa aataacacca aaatgtgggt gaactcttaa ggacttttcc cttcaagtgt 2280
gaaggaaggt gtgatgaatg ctgtggagag gcatctggaa cagaaattca aaataaagcc 2340
ttgacattaa ataccocctc cactgtctac tttgtggatg gtagcatgag ctgtctacca 2400
agaagaaacc tgctgtctc ttaattttta ttttcctaa tttgttgatg gcctttttgtg 2460
ttgtgaacca caacaaagag aggcctcttt tgtggctggg tattccagtt ccctgggatt 2520
ttaaattctt tgggtctatta agtatccttg tattggatac gtaatacctt agtgctgtca 2580
taatgttgta caagatcatg atcagcttct ccctttcttc attttctgtg atttaacat 2640
gttctttcct gtctcttttc atttaagata ttttatttga atactgataa acattttatc 2700
ctgataagga agaattgtct tgttacttga tatacctctg tcttcattct cttacagctt 2760
atctttcctt aggttgatgg tgcctcattt aataagtata tctctactta agctaaagga 2820
ttatgatcat atggtgttgg agactattag ctattagata tttctcaaaa tatgagaatt 2880
gtacaatgga atgaaaaagt gacttcatat acgtaagact ggtgcctaag aatgacttga 2940
atgttatcag tactaccaca gaactataat atacattgcc ttttctcagc aaaaaaaaaa 3000
aaa 3003

```